

20031106.qrp v03_n096.qrl.20031106

Date: Thu, 6 Nov 2003 19:03:08 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3096

QRP-L Digest 3096

Topics covered in this issue include:

- 1) [160741] RUN FOR THE BACON
by "Jerry Ford" <benlightnd13@mchsi.com>
- 2) [160742] DDS question
by "steve" <swells244@bellsouth.net>
- 3) [160743] Re: MS puts bounty on virus writers
by w9ya <w9ya@arrl.net>
- 4) [160744] Re: WARNING(virus check bypassed): Re: was FOX lousy condx, now RIT/
XIT use
by "Lawrence Makoski" <Makos327@worldnet.att.net>
- 5) [160745] Re: cw filters..
by "Nick Kennedy" <nkennedy@tcainternet.com>
- 6) [160746] NEQRP CW Net, Thursday, 7 Nov 03, 08:30 PM EST, 3.566 MHz
by Chuck Ludinsky <cjl@mitre.org>
- 7) [160747] Novell buys SuSE
by Brad Thompson <Brad.Thompson@valley.net>
- 8) [160748] Backward hardware compatibility using Startech USB1S1P 3 USB
ports + legacy serial port + legacy parallel port...anyone?
by <bill@n4qa.com>
- 9) [160749] optimal counterpoisation?
by Lloyd Lachow <llachow@yahoo.com>
- 10) [160750] Condx
by "Fred \((VE3FAL\))" <flesnick@tbaytel.net>
- 11) [160751] Re: DDS question
by "Trevor Jacobs" <kg6cyn@softhome.net>
- 12) [160752] Re: optimal counterpoisation?
by "Trevor Jacobs" <kg6cyn@softhome.net>
- 13) [160753] OT: Concorde picture set
by Ed Tanton <n4xy@earthlink.net>
- 14) [160754] Re: optimal counterpoisation?
by Bruce Grubbs <mail@brucegrubbs.com>
- 15) [160755] Headphones
by "Paul Beringer" <fistsc2c@yahoo.com>
- 16) [160756] Re: was FOX lousy condx, now RIT/XIT use
by John Sielke <jsielke@pobox.com>
- 17) [160757] Re: Headphones
by "Trevor Jacobs" <kg6cyn@softhome.net>
- 18) [160758] Re: OT: Concorde picture set

- by Bob Nielsen <nielsen@oz.net>
- 19) [160759] BLT help?
by Dale Botkin <dale@botkin.org>
- 20) [160760] FS: Elecraft K1 KBT1 Internal Battery Option
by Michael Babineau <michael.babineau@sympatico.ca>
- 21) [160761] FOX: Nov 4th AC7A Preliminary Log
by "Thomas Kuehl" <ac7a@earthlink.net>
- 22) [160762] Direct Conversion Receiver/transceiver - suppressed sideband
by "Dick" <dboley@adelphia.net>
- 23) [160763] Re: BLT help?
by "Trevor Jacobs" <kg6cyn@softhome.net>
- 24) [160764] RE: Direct Conversion Receiver/transceiver - suppressed sideband
by "Lyle Johnson" <wa7gxd@fidalgo.net>
- 25) [160765] Re: Nov 4th AC7A Preliminary Log
by "George, W5YR" <w5yr@att.net>
- 26) [160766] Any late night piggies still up
by "Jerry Ford" <benlightnd13@mchsi.com>
- 27) [160767] QSL.Net Down
by "Trevor Jacobs" <kg6cyn@softhome.net>
- 28) [160768] Re: QSL.Net Down
by KI8DU <ki8du1@yahoo.com>
- 29) [160769] Re: Direct Conversion Receiver/transceiver - suppressed sideband
by Bob KB2FEL <kb2fel@yahoo.com>
- 30) [160770] Re: Tornado Frequency instable during transmit
by Christopher Kovacs <ckovacs@mn.rr.com>
- 31) [160771] Re: was FOX lousy condx, now RIT/XIT use
by "Armin Hachmer" <armin@muskoka.com>
- 32) [160772] Re: optimal counterpoisation?
by Bruce Muscolino <w6toy@erols.com>
- 33) [160773] Re: optimal counterpoisation?
by "Armin Hachmer" <armin@muskoka.com>
- 34) [160774] November Spartan Sprint Results
by "John Huffman" <hjohnc@core.com>
- 35) [160775] Re: X-20 MEGA-FLARE
by "Mike Yetsko" <myetsko@insydesw.com>
- 36) [160776] [CONTEST] N2CQ QRP Contest Calendar Nov 7-30
by "Ken Newman" <n2cq@dandy.net>
- 37) [160777] Re: Concorde picture set
by Kevin Gunther <beeltee@optonline.net>
- 38) [160778] Re: Direct Conversion Receiver/transceiver - suppressed sideband
by "Noyce, Bill" <william.noyce@hp.com>
- 39) [160779] Re: Direct Conversion Receiver/transceiver - suppressed sideband
by Curt Milton <wb8yyy@yahoo.com>
- 40) [160780] Re: QSL.Net Down
by John Sielke <jsielke@pobox.com>
- 41) [160781] KH6B please reply
by "Jerry Ford" <benlightnd13@mchsi.com>
- 42) [160782] Re: Headphones

- by "Walt Amos" <waltk8cvamos@aaahawk.com>
- 43) [160783] Re: Direct Conversion Receiver/transceiver - suppressed sideband
by <stanw@toxosor.com>
- 44) [160784] Re: Concorde picture set
by "Chris Trask" <chistrask@earthlink.net>
- 45) [160785] Re: Headphones
by kizerian@xmission.com
- 46) [160786] Re: Headphones
by Lloyd Lachow <llachow@yahoo.com>
- 47) [160787] Re: Headphones
by "Tom Crawford" <TMCsail@sbcglobal.net>
- 48) [160788] DK9SQ loop summary
by ARDUJENSKI@aol.com
- 49) [160789] RE: MS puts bounty on virus writers
by "Charles Mabbott" <aa8vs@msn.com>
- 50) [160790] Fwd: [425ENG] about Albania-INTERESTING-Need ZA?
by Ed Tanton <n4xy@earthlink.net>
- 51) [160791] Fw: Comments to the Commissioner (long)
by "George, W5YR" <w5yr@att.net>
- 52) [160792] Re: cw filters..
by Curt Milton <wb8yyy@yahoo.com>
- 53) [160793] NJQRP meeting planned for Nov 15
by "George Heron N2APB" <n2apb@clearviewcatv.net>
- 54) [160794] Re: BLT help?
by "Doug Hendricks" <ki6ds@dpol.net>
- 55) [160795] Piggies Piggies everywhere ??
by "Jerry Ford" <benlightnd13@mchsi.com>
- 56) [160796] Re: optimal counterpoisation?
by Bruce Muscolino <w6toy@erols.com>
- 57) [160797] Iowa QRP Club CW Net
by Mark Milburn <mark.milburn@ispwest.com>
- 58) [160798] Sold : Elecraft K1 KBT1 Internal Battery Option
by Michael Babineau <michael.babineau@sympatico.ca>
- 59) [160799] Fw: Comments to the Commissioner (long)
by w5xe@juno.com
- 60) [160800] Re: Comments to the Commissioner (long)
by "George, W5YR" <w5yr@att.net>
- 61) [160801] [OT] rfpi silenced
by kenneth hoglund <hoglund@wfu.edu>
- 62) [160802] Re: Comments to the Commissioner (long)
by "Noyce, Bill" <william.noyce@hp.com>
- 63) [160803] MFJ balanced tuner
by Alex <kr1st@amsat.org>
- 64) [160804] IC-718???
by Mark Prather <wb9hfk@yahoo.com>
- 65) [160805] Re: BLT help?
by Dale Botkin <dale@botkin.org>
- 66) [160806] RE: BLT help?

- by "Sverre Holm" <la3za@qsl.net>
67) [160807] Experimenter's DDS Sig Gen Manuals
by "Trevor Jacobs" <kg6cyn@softhome.net>
68) [160808] HWA-9 WARC Kit needed for HW-9
by Bob Confrey <wa1edj@yahoo.com>
69) [160809] Elecraft KX1 short review
by Bruce Grubbs <mail@brucegrubbs.com>
70) [160810] Re: X-20 MEGA-FLARE
by Mik Ishmael <mightymik2@comcast.net>
71) [160811] Re: IC-718???
by "Chetan Bhargava" <list3@bhargavaz.com>
72) [160812] QQ
by "Francis Callahan" <colcal@srv.net>
73) [160813] Re: IC-718???
by "Bob Schreibmaier" <k3ph@ptd.net>

Date: Wed, 5 Nov 2003 17:16:59 -0600
From: "Jerry Ford" <benlightnd13@mchsi.com>
To: "Pigs" <multipigplus@yahoogroups.com>, "qrp-1" <qrp-1@lehigh.edu>,
"FSQRP" <4sqrp@mailman.qth.net>,
Subject: [160741] RUN FOR THE BACON
Message-ID: <023f01c3a3f2\$eaafaaa0\$4a78da0c@mchsi.com>

Ladies and Gentlmen:

Just a quick note to remind everyone of the upcoming " RUN FOR THE BACON " sprint sponcored by the Flying Pig QRP club International.

I know there is a lot going on this coming weekend but please mark your calendars for this one becuz it's a TON of fun.

I don't want to use a lot of bandwidth so I'll just leave you link.
Hope to see everyone there.
<http://www.fpqrp.com/fpqrpapun.html>

Don't forget that we've made turning in your log easy with an AUTOLOG found on the same page.

72 / 73 and a big ole Oink Oink to all

Jerry N0JRN
FP # 546, 4SQRP, ARS # 923, ARCI # 11049, ARRL,
Springfield, Mo. MP + #8

Date: Wed, 5 Nov 2003 18:44:49 -0500
From: "steve" <swells244@bellsouth.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160742] DDS question
Message-ID: <009401c3a3f6\$cd348780\$220110ac@STEVESL7X513D0>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

OK after some minor self inflected set backs my VFO is together and semi
operating. When I power it up all I'm getting is on my display is
22M0JSQF
yH 20,00,04 u
I'm stumped .
Steve
KG4JNL

Date: Wed, 5 Nov 2003 19:20:08 -0500
From: w9ya <w9ya@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160743] Re: MS puts bounty on virus writers
Message-ID: <200311051920.08830.w9ya@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

On Wednesday 05 November 2003 04:25 pm, Mark Schoonover wrote:
> Ed Tanton <mailto:n4xy@earthlink.net> scribbled on Wednesday, November 05,
>
> 2003 12:03 PM:
> > This is from the latest issue of Eweek (online):
> >
> > QUOTE
> >
> > Microsoft Corp. on Wednesday announced the creation of a \$5 million
> > fund to
> > be used to reward people who turn over information leading to the
> > conviction of virus writers.
> >
> > To kick off the program, Microsoft offered rewards of \$250,000 each

> > for
> > information that leads to the arrest of the authors of two recent
> > viruses,
> > Blaster and SoBig.F. The company announced the offers at a press
> > conference
> > in Washington in conjunction with the FBI, Secret Service and
> > Interpol.
>
> Much cheaper than fixing their software!
>
> 72
>
> .mark

Muy hahahahahaha.....

Vy gud om mark.....lol

de

w9ya

Date: Wed, 5 Nov 2003 19:24:53 -0500
From: "Lawrence Makoski" <Makos327@worldnet.att.net>
To: <k5di@zianet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [160744] Re: WARNING(virus check bypassed): Re: was FOX lousy condx, now
RIT/XIT use
Message-ID: <000701c3a3fc\$66ab1500\$f1b9590c@larrysahyqy001>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Karl, et al.

I guess that's one of the nicer features that the K2 has over the K1.
Dual VFO's are nice; and it is really convenient when your frequency
display changes when you work "split" so you can keep an eye on the
respective frequencies with out any trouble.

But for the most part, considering how much radio you get in such a
little package, the RIT/XIT functions of the K1 do a good job.

73 de Larry W2LJ - Vivat Morse!

W2LJ@arrl.net

<http://www.qsl.net/w2lj>

ARRL Lifemember QRP ARCI #4488 NJQRP #47
FISTS #1469 QRP-L #778 FP #612 QRPP-I #759
ARS #1528 --- K1 #1647 --- AmQRP, CQC #746

----- Original Message -----

From: "Karl Larsen" <k5di@zianet.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Wednesday, November 05, 2003 5:33 PM

Subject: WARNING(virus check bypassed): Re: was FOX lousy condx, now
RIT/XIT use

> On Wed, 5 Nov 2003, Lloyd Lachow wrote:

>

> >

> > No, but a bit more explication might help: As a lazy
> > op, since I use SPT so often, (though, admittedly, not
> > much in the Fox Hunt,) I choose not to ever alter that
> > setup. I find the RIT easy to use for split ops, and
> > just never added XIT to the mix, although I'm certain
> > 'twould be jolly.

>

> So that others will not be confused, high end radios like the
> Yaesu FT-817 have 2 radios. With my 817 when a Hound I find the fox
and

> put him on radio A. Then with radio B I hunt for the pack of hounds.
> Then I decide where to call from and leave radio B there. Then click
on

> transmit on B and call away.

>

> When I'm the Fox I plant radio A on the fox frequency. I
> transmit on that frequency. I tune around with radio B and find a
Hound

> I can copy.

>

> This is very automatic and sure easier to use than RIT.

>

> --

>

> - Karl Larsen k5di Las Cruces, NM Az ScQRPions -

>

>

Date: Wed, 5 Nov 2003 18:31:38 -0800
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: <sergio@philway.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [160745] Re: cw filters..
Message-ID: <006601c3a40e\$1b3d3780\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yes, you'll still hear both sidebands with the audio filter.

In reality, these aren't actually sidebands such as you have in AM, DSB or SSB, that is to say, they aren't "transmitted" sidebands. It's just that there are two combinations of local oscillator (VFO) and incoming signal that give the same audio tone. I think sometimes people will confuse the finite bandwidth you get from on-off keying with the "apparent" sidebands you hear when tuning through a signal.

With conventional designs, it's impossible to avoid this effect in a direct conversion receiver. I think a phasing type DC receiver can do it, but that's not something you can graft on to your HW-8.

DC receivers are great performers for their simplicity and are a lot of fun, but unfortunately they make the band seem twice as crowded as it really is.

To answer your question--it's still a problem even though you tune down to the signal. You do that so you can be sure you are transmitting on the other guy's frequency, which is a must. The problem comes from the fact that stations other than the one you are working are twice as likely to QRM you as they would be if you had "single signal" reception. In the latter case, the QRMing station actually has to be on the frequency you are using. With the "double signal" receiver, a station removed by twice your sidetone frequency may sound like he's on your frequency.

72--Nick, WA5BDU

----- Original Message -----

From: "Sergio T. Ruiz" <sergio@philway.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, November 05, 2003 1:32 PM

Subject: cw filters..

>
> after several really great discussion offline with bruce muscolino, i am
> gonna play around more with my hw-8 while i wait on the move to make a new
> rig decision.. (we close on monday, at 3:00! woo hoo!!)
>
> anyway...
>
> my question is..
>
> my hw-8 hears both sides of the sideband.. this gets really confusing when
> i try to figure out something like the fox hunt. if i add one of those
> audio chain filters, will i still hear both sides? i am thinking that
since
> it works on audio.. i will still hear both sides of any nearby sidebands..
> will this even be a problem since i always tune down into a signal?
>
> i go from the high end to the low end.. and tune down in a signal till i
> hear it go to around 750hz..

Date: Wed, 05 Nov 2003 19:43:30 -0500
From: Chuck Ludinsky <cjl@mitre.org>
To: neqrp@jonal.net, qrp-1@lehigh.edu
Subject: [160746] NEQRP CW Net, Thursday, 7 Nov 03, 08:30 PM EST, 3.566 MHz
Message-ID: <3FA99932.7070800@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

The New England QRP Club's 80M CW net, WQ1RP, will meet again on
Thursday, 6 November 2003, at 8:30 PM EST (01:30Z, 7 Nov 03) on or near
3.566 MHz. All hams are welcome. Net control operator will be Chuck,
K1CL, operating from Chelmsford, MA.

There was no net last week, which was probably good (actually
fortuitous) planning, since the HF bands were essentially dead due to
the solar flare. However, it was fun trying both cw and ssb on six
meters via the resulting aurora. Maybe Paul, NA5N, can arrange a CQ
QRP/A contest for us sometime. :)

The preceding week, we had generally good conditions and a total of
seven participants:

W2SH Charles Millington, NH 599
AJ1J Joe Newton, MA 599
WA8BXN Mike nr Cleveland, OH 589/QSB
N1VS Vince Winsted, CT 599
W1CFI Paul Falmouth, MA 599
K1RC John Dracut, MA 599
K1CL Chuck Chelmsford, MA net op

Good to hear everyone, and thanks for checking in. Hope to hear you all again this week.

72 DE K1CL,

Chuck

Date: Wed, 05 Nov 2003 20:13:31 -0500
From: Brad Thompson <Brad.Thompson@valley.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160747] Novell buys SuSE
Message-ID: <5.0.2.1.2.20031105201123.02348390@pop3.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello--

The following appeared in my inbox yesterday-- dunno what the implications for future freeware releases of SuSE are, but it may be prudent to obtain a copy of the current version before it goes away or gets expensive.

73--

Brad AA1IP

From:

"What's New Now from Ziff Davis"

<whatsnewnow@eletters.wnn.ziffdavis.com>

Reply-To: whatsnewnow@eletters.wnn.ziffdavis.com

Subject: 14 New IM Options; Novell Buys SuSE; Best Graphics Cards for LCD Monitors

<<http://eletters.wnn.ziffdavis.com/zd1/cts?d=75-85-1-1-709406-3543-1>>November 4, 2003

Vol<<http://eletters.wnn.ziffdavis.com/zd1/cts?d=75-85-1-1-709406-3543-1>>.

2, No. 45

Novell Buys SuSE; Virtual PC 2004 Gives Linux the Cold Shoulder;
Lord of the Rings Rocks

Date: Wed, 5 Nov 2003 20:16:29 -0500
From: <bill@n4qa.com>
To: <qrp-1@Lehigh.EDU>
Subject: [160748] Backward hardware compatibility using Startech USB1S1P 3 USB
ports + legacy serial port + legacy parallel port...anyone?
Message-ID: <000701c3a403\$9d1a27a0\$a624ad80@f1n5n8>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Having fun soldering 0.5mm and 0.95mm pitch SMDs on Surfboards tonight with
the new Weller WSD81 soldering station...nice...

Say, gang...anybody out there using the subject Startech device?
It connects to a PC's USB V1.1 port and provides 3 USB V1.1 ports, 1 DE9M
comm port and 1 DB25F printer port, all in one box.
Thinking about using something like this, should my next PC not be equipped
with the legacy serial and parallel ports.
I would want this in order to maintain backward hardware compatibility with
my simple PC-QRP rig interface projects, or with DigiPan, MMTTY etc.
So...hoping someone can give me a little insight as to the subject device's
usefulness.
Startech's literature claims full utility of modem signals etc for the
serial port and full IEEE-1284 compatibility for the printer port.
Lowest price found so far...\$105 at directdial.com.
Anyone have direct experience with this device...or similar ones?
Thanks.

ps
Specs for the Startech USB1S1P may be viewed beginning at:
<http://www.startech.com/productspecs/USB1S1P.htm>

73.
Bill, N4QA
<http://www.n4qa.com>

Date: Wed, 5 Nov 2003 17:25:28 -0800 (PST)
From: Lloyd Lachow <llachow@yahoo.com>
To: a low-energy group <qrp-l@lehigh.edu>
Cc: "Li'l Piggies" <fpqrp-l@mpna.com>
Subject: [160749] optimal counterpoisation?
Message-ID: <20031106012528.13951.qmail@web41001.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

For use with a rig such as this KX1, or even, say, a K1, operating on, say, 20, 30 or 40 meters, what would be the theoretical ideal length, number and deployment profile of RF ground wires? (I like that - "Deployment Profile" - hmmm...) And what practical considerations might lurk about to cause us to compromise, if any?

Could they be in close proximity to each other, as in, shrink-wrapped together, or some such? That would be cool, as the resultant cable would be easier to ship and stow, compared to a bunch o' wires.

Youth Wants to Know,

LL

=====

73, 72 es oo, Lloyd, K3ESE - Reisterstown, Maryland
KX1#11 - multiPIG+14 - K1#379 - 20/40M RockMites
Hunk o' Wahr - Begali Magnetic Classic Paddles
ARRL - ARS - QRParci - QCWA - FISTS #8774
FPQRP #476 - QRP-L - BORG #2
Fun = Skill / Power ! 8^D

Do you Yahoo!?
Protect your identity with Yahoo! Mail AddressGuard
<http://antispam.yahoo.com/whatsnewfree>

Date: Wed, 5 Nov 2003 20:46:55 -0500
From: "Fred \ (VE3FAL\)" <flesnick@tbaytel.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,
<qrp-canada@gpfn.sk.ca>
Subject: [160750] Condx

Message-ID: <014e01c3a407\$dc7e58e0\$ec39d3d8@flesnick>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Listening now on 7.063 and VE4MB is 20 over 9 from Winnipeg, however he
running a full loop and 800 watts, but still a nice signal, wish Craig
was a bit louder last night, oh well.....it is 0146z.....

Fred
VE3FAL

Date: Wed, 5 Nov 2003 18:24:46 -0800
From: "Trevor Jacobs" <kg6cyn@softhome.net>
To: swells244@bellsouth.net,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [160751] Re: DDS question
Message-ID: <005301c3a40d\$26f004a0\$75d9b3d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Steve,

It sounds like you haven't initialized the EEPROM or Calibrated it. You
need to do these before it will work correctly even if you only do a
rough calibration. Check my web page for full directions on how to do
this at:

http://www.qsl.net/kg6cyn/DDS_Project.htm

I'd also suggest downloading the latest Manuals that Jim N5IB has done
a wonderfull job on at:

<http://www.qsl.net/n5ib/DDS/>

That should do the trick for you. Good luck and let me know how it works
for you.

73's Trev KG6CYN
<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: steve <swells244@bellsouth.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Wednesday, November 05, 2003 3:44 PM
Subject: DDS question

> OK after some minor self inflected set backs my VFO is together and
semi
> operating. When I power it up all I'm getting is on my display is
> 22MOJSQF
> yH 20,00,04 u
> I'm stumped .
> Steve
> KG4JNL
>

Date: Wed, 5 Nov 2003 18:32:09 -0800
From: "Trevor Jacobs" <kg6cyn@softhome.net>
To: llachow@yahoo.com,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>,
Subject: [160752] Re: optimal counterpoise?
Message-ID: <006901c3a40e\$2f442b80\$75d9b3d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Lloyd,

I don't know if it's optimal, but I've tried a number of different
length combinations, and a 40' radiator with 8 16' radials (I'm a firm
believer in using as many radials as possible, and 8 seems to be a good
number) seems to work very well with the K1 on 40, 30, 20, and 15. When
I was camping on Mt. Palomar, CA this worked out real well in the
Spartan Sprint, and the first contact on 20 was Seab AA1MY. I can get a
1:1 match with the K1 internal tuner with this setup. You can see
pictures of it at my web page. Take care...

73's Trev KG6CYN
<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: Lloyd Lachow <llachow@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Wednesday, November 05, 2003 5:25 PM
Subject: optimal counterpoisation?

> For use with a rig such as this KX1, or even, say,
> a K1, operating on, say, 20, 30 or 40 meters, what
> would be the theoretical ideal length, number and
> deployment profile of RF ground wires? (I like that -
> "Deployment Profile" - hmmm...) And what practical
> considerations might lurk about to cause us to
> compromise, if any?

>
> Could they be in close proximity to each other, as
> in, shrink-wrapped together, or some such? That would
> be cool, as the resultant cable would be easier to
> ship and stow, compared to a bunch o' wires.

>
> Youth Wants to Know,

>
> LL

>
> =====

> 73, 72 es oo, Lloyd, K3ESE - Reisterstown, Maryland
> KX1#11 - multiPIG+ #14 - K1#379 - 20/40M RockMites
> Hunk o' Wahr - Begali Magnetic Classic Paddles
> ARRL - ARS - QRParci - QCWA - FISTS #8774
> FPQRP #476 - QRP-L - BORG #2
> Fun = Skill / Power ! 8^D

>
> -----
> Do you Yahoo!?
> Protect your identity with Yahoo! Mail AddressGuard
> <http://antispam.yahoo.com/whatsnewfree>

Date: Wed, 05 Nov 2003 22:01:51 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: qrp-L Reflector <qrp-l@lehigh.edu>, noga <nogaqrp@mailman.qth.net>
Subject: [160753] OT: Concorde picture set
Message-ID: <6.0.0.22.2.20031105215823.02bf8b48@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

A friend has just sent me a set of 6 JPGs of the last Concorde flight.

Flying with the Concorde are the Red Arrows British Royal Airforce acrobatics team. Be happy to forward a set to y'all... unless demand is too high and then I'll put it on a webpage. Great photos!!!

72/73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Wed, 5 Nov 2003 20:05:56 -0700
From: Bruce Grubbs <mail@brucegrubbs.com>
To: kg6cyn@softhome.net,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [160754] Re: optimal counterpoisation?
Message-ID: <200311052005.56533.mail@brucegrubbs.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

For what it's worth, I use an 82 foot wire with a single 33 foot counterpoise

with my K1/KAT1, and it tunes up nicely on 40, 30, 20, and 15. It seems to get out well.

73,
Bruce
N7CEE

Date: Wed, 5 Nov 2003 19:11:04 -0800
From: "Paul Beringer" <fistsc2c@yahoo.com>
To: "Qrp-L reflector" <qrp-l@Lehigh.EDU>
Subject: [160755] Headphones
Message-ID: <OKEEKIBJJJOAMBPELHNDBEEMPCFAA.fistsc2c@yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anyone got some good advice on lightweight headphones for the K1? I was using a pair of cheap in the ear type of headphones during MQFD a couple of weeks ago. Got blasted by a nearby transmitter and blew 'em out. Almost sent me to heaven too. I don't want to spend more than \$30 but would be willing to invest more if you folks can convince me otherwise.

73
Paul NG7Z

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.534 / Virus Database: 329 - Release Date: 10/31/2003

Date: Wed, 05 Nov 2003 22:14:17 -0500
From: John Sielke <jsielke@pobox.com>
To: qrp-l@lehigh.edu
Subject: [160756] Re: was FOX lousy condx, now RIT/XIT use
Message-ID: <3FA9BC89.3070409@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

> So that others will not be confused, high end radios like the
> Yaesu FT-817 have 2 radios.

Question #1. 2 RADIOS? Maybe 2 VFOs, but not 2 radios.

Question #2. FT-817 a high-end radio? I guess if your low end starts with an oatmeal box and a razor blade.

John W2AGN

Date: Wed, 5 Nov 2003 19:30:32 -0800
From: "Trevor Jacobs" <kg6cyn@softhome.net>
To: fistsc2c@yahoo.com,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [160757] Re: Headphones
Message-ID: <003001c3a416\$59a92940\$91e2b3d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Paul,

I really like the Sony earbud style headphones that I picked up at Fry's Electronics. They are light weight and sound great with the K1. The model number is: MDR-E818LP, and they were \$8.99. I bet you could find them on the web easily enough if you don't have a Fry's near you. Take care...

73's Trev KG6CYN
<http://www.qsl.net/kg6cyn>

----- Original Message -----
From: Paul Beringer <fistsc2c@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Wednesday, November 05, 2003 7:11 PM
Subject: Headphones

> Anyone got some good advice on lightweight headphones for the K1? I was
> using a pair of cheap in the ear type of headphones during MQFD a couple of
> weeks ago. Got blasted by a nearby transmitter and blew 'em out. Almost sent
> me to heaven too. I don't want to spend more than \$30 but would be willing
> to invest more if you folks can convince me otherwise.
> 73
> Paul NG7Z

> ---
> Outgoing mail is certified Virus Free.
> Checked by AVG anti-virus system (<http://www.grisoft.com>).
> Version: 6.0.534 / Virus Database: 329 - Release Date: 10/31/2003
>

Date: Wed, 5 Nov 2003 19:34:02 -0800
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [160758] Re: OT: Concorde picture set
Message-ID: <20031106033402.GB17638@n7xy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Wed, Nov 05, 2003 at 10:01:51PM -0500, Ed Tanton wrote:
> A friend has just sent me a set of 6 JPGs of the last Concorde flight.
> Flying with the Concorde are the Red Arrows British Royal Airforce
> acrobatics team. Be happy to forward a set to y'all... unless demand is too
> high and then I'll put it on a webpage. Great photos!!!

One of the Concordes is on permanent loan to the Seattle Museum of Flight and was scheduled to land at 3 pm today. I was in the area and looked but didn't see anything. Later I found out it came in 1/2 hour early. I did see one on the tarmac at Dulles many years ago but can't wait until this one goes on display soon.

Bob, N7XY

--
Bob Nielsen, N7XY
Bainbridge Island, WA
n7xy (at) n7xy.net
<http://www.n7xy.net>

Date: Wed, 5 Nov 2003 21:48:50 -0600 (CST)
From: Dale Botkin <dale@botkin.org>
To: QRP list <qrp-l@Lehigh.EDU>
Subject: [160759] BLT help?
Message-ID: <Pine.LNX.4.33.0311052134360.2807-1000000@madmax.botkin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi all,

I finished my BLT a while back and been using it a little on 40. So far so good, but I did kind of expect more than this, and I'm assuming it's me.

The antenna is a 66' doublet in the attic, fed with about 80' or so of twinlead. My MFJ 941-D tunes it on pretty much every band, either perfectly or at least pretty well. Of course I don't expect the BLT to "match" the performance of the 941.

On 40 I can get a good match with the BLT with not much trouble. On 30 I can get a match, but it takes a lot of twiddling and is very, very sharp. On 20 I fooled around for several minutes and got it below 1.5:1, but it's ****extremely**** sharp. On 15 and above, it's useless to try; I have C2 fully clockwise and can't get a decent match on any band above 20. High or low impedance switch didn't make a difference.

Again, I'm not blaming the tuner. I did double check all the wiring and also to make sure the trimmers are fully un-meshed as instructed. Tried them meshed just for kicks and that made it much worse. So is it just that it won't match this particular antenna well, or does it sound like I did something wrong? I'm reasonably sure I managed to count the turns right on the toroid, but you never know.

72,

Dale - N0XAS

--

It's a thankless job, but I've got a lot of Karma to burn off.

NEW PicoKeyer kit w/PCB and all parts - <http://www.hamgadgets.com>

Date: Wed, 5 Nov 2003 23:03:46 -0500

From: Michael Babineau <michael.babineau@sympatico.ca>

To: qrp-1@Lehigh.EDU

Subject: [160760] FS: Elecraft K1 KBT1 Internal Battery Option

Message-ID: <385BB954-100E-11D8-B4CF-00039309268A@sympatico.ca>

Mime-Version: 1.0 (Apple Message framework v552)

Content-Type: text/plain; charset=US-ASCII; format=flowed

Content-Transfer-Encoding: 7bit

The title says it all .. I have for sale a KBT1 Internal Battery option for the K1.

This is partially built but I never installed it. (I completed the wiring to the battery holder). It is complete with original box and instruction

manual.

Asking price is \$US35 and I will cover shipping within Continental North America.

Michael VE3WMB

Date: Wed, 5 Nov 2003 21:07:26 -0700
From: "Thomas Kuehl" <ac7a@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [160761] FOX: Nov 4th AC7A Preliminary Log
Message-ID: <001101c3a41b\$7d2031c0\$120110ac@texas6oef4glwm>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy Hounds,

We all fought tough conditions last night and I think my ears have finally stopped bleeding! I was busy the entire 2 hours and spent a fair amount of time digging some weaks ones out of the noise and heavy QRM. There were others calling but they were just too mixed in the noise for me to reliably copy their signal. I am sorry about that. There were 86 pelts plus 2 FOXes, for a total of 88.

Here is my preliminary log for November 4th, which was November 5th UTC. Please let me know of any errors.

'72, Thomas - AC7A (Tucson)

Time Call RST(r) RST(s) SPC Name Pwr(W)

0200 W0PWE 559 559 IA Jerry 5
0201 K5DW 559 559 TX Don 5
0202 W5YK 559 559 TX George 5
0203 N9NE 559 559 WI Todd 5
0204 W0CH 559 559 MO Dave 5

0204 K5JHP 559 559 TX Bill 5
0205 W9XT 559 559 WI Gary 5
0206 AC5JH 559 559 OK Tom 5
0207 VE3FAL 559 559 ON Fred 5
0208 W5USJ 559 559 TX Chuck 5

0209 K3PH 559 559 PA Bob 5
0210 N0JRN 559 559 MO Jerry 5
0211 N4ROA 559 559 VA Dan 5
0212 N1TP 559 559 FL Tom 5
0214 N0EA 559 559 MO Wayne 5

0215 WA9TZE 559 559 WI Jim 5
0216 W7MAP/5 559 559 TX Chuck 5
0217 W5TB 559 559 TX Doc 5
0218 KK5LD 559 559 TX Dan 5
0219 N1FN 559 559 CO Et 5

0220 N5ZE 559 559 TX Lew 5
0221 AJ4AY 339 339 AL Jay 5
0222 NN5E 559 559 TX Vern 5
0223 KG6WP 559 579 CA Ward 5
0224 W5HNS 559 559 TX Henry 5

0225 N5UW 559 559 OK Clif 5
0226 N4IM 559 559 TX Cole 5
0227 N9AW 559 559 WI Jerry 5
0228 N5IB 559 559 LA Jim 5
0229 VE6EX 559 559 AB Dan 5

0231 N0TK 579 579 CO Dan 5
0231 VE6JAZ 559 559 AB Rob 5
0233 W9XU 559 559 WI Lon 5
0234 WB9HFK 559 339 IL Mark 5
0236 AA50 559 559 LA Vern 5

0237 NV4V 559 559 KY Pete 5
0239 AF4LQ 449 339 KY Mike 5
0240 K9OZ 559 559 IL Bruce 5
0241 AA5TA 559 559 TX Larry 5
0242 K6XR 599 599 CA Reggie 5

0243 W7AQK 599 599 AZ Dave 5
0244 K5EOA 559 599 LA Wayne 5
0245 W6KI 579 579 CA Glen 5
0245 WE9K 339 339 WI Glenn 5
0247 WA8BXN 559 559 OH Mike 5

0247 K6VXN 559 599 CA Arlen 5
0248 VA6RF 559 339 AB Earl 5
0249 KI0II 559 579 CO Ron 5
0250 K8CV 559 339 MI Walt 5
0250 AG0T 559 339 ND Todd 4

0251 N0WX 559 339 MN Mike 5
0254 K5SR 559 599 TX Dale 5
0255 KI0RB 559 559 CO Vince 5
0256 VE5DC 449 339 SK Jerry 4
0257 N7MFB 579 559 WA Bill 5

0300 W0SRP 559 559 SD Ade 1
0301 KR0U 599 599 CO Tim 5
0303 K2ZN 559 559 NY Al 5
0304 KB9YIG 559 339 IN Tony 2
0305 K4ADI 559 559 SC Frank 5

0306 NK6A 559 559 CA Don 5
0308 N7CQR 559 559 OR Dan 5
0308 K8KFJ 559 559 WV Gary 5
0310 KB2FEL 519 559 WV Bob 5
0311 AG4PJ 559 559 AL Dave 5

0313 W8YMO 559 559 OH Harry 5
0315 W0NTA 559 559 CA Dick 5
0317 K5BGB 449 229 TX Rod 5
0319 AC7P 459 359 ID Don 100
0323 KD5KXF 559 339 TX Mike 5

0324 W0ANM 559 559 MN Chris 5
0327 K0YWD 559 339 MT Skip 3
0329 KV2X 559 339 NY Tom 5
0332 KJ0C 339 229 MO Jim 5
0334 K4BYF 559 229 FL Jack 5

0337 N4DD 559 559 TN Dennis 5
0338 K3ESE 559 339 MD Lloyd 5
0340 W0UFO 549 229 MN Mert 5
0343 AB9CA 559 559 AL Dave 5
0344 K9DI 599 339 IL Wayne 5

0346 K4BYF 559 559 FL Jack 3
0347 WB8WTU 559 559 OH Dennis 5
0348 VE7HHH 599 559 BC Blair 5
0349 W2LJ 339 339 NJ Larry 4
0350 N0IT 559 339 MO Dave 5

0358 NK9G 559 339 WI Rick 5
0400 VE4WI N/A N/A MB FOX 5
0400 AC7A N/A N/A AZ FOX 5

Date: Wed, 5 Nov 2003 23:11:15 -0500
From: "Dick" <dboley@adelphia.net>
To: <qrp-1@lehigh.edu>
Subject: [160762] Direct Conversion Receiver/transceiver - suppressed sideband
Message-ID: <000701c3a41c\$062ce170\$6501a8c0@s>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am interested in building a single band direct conversion receiver with 40db to 50db of opposite sideband rejection. Searching the Internet reveals three approaches:

1. Traditional DC receiver but no sideband suppression. I have one of these in my Rockmite.
2. The R2 Pro design that uses post detector non-digital filtering.
3. The Tayloe detector that uses an all digital approach.

Has anyone had any experience with 2 & 3?? Seems that one could build the DC receiver, suppress the opposite sideband, and then use a PC based DSP program for further filtering at the audio level. Audio derived AGC could manage the gain. Winter is coming and it is very boring just making contacts with an Icom-746 on PSK. I am in a townhouse so antenna "development" is out. I do have a remotely tuned 1 meter square loop for 20 meters in the attic and a GAP challenger tied to an elevated deck.

I would jump at what is currently called the Norcal-30 (Red Hot Radio) design by Dan Tayloe but it may not see the light of day before Spring. The Rick Campbell R2 Pro looks interesting but the conventional filters for sideband suppression may be a pain to align and keep there. The SDR-1000 by Flex Radio seems to be very good, but dropping \$500 for something that may not noticeably perform better than my 746 raises flags. Right now, if there was the usual gun to my head, I would opt for the R2 Pro - Rick Campbell kit from Kanga for \$115.00. Any opinions???

Dick N3HKN

Date: Wed, 5 Nov 2003 20:24:47 -0800
From: "Trevor Jacobs" <kg6cyn@softhome.net>

To: dale@botkin.org,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [160763] Re: BLT help?
Message-ID: <001a01c3a41d\$eaf9500\$2082b2d1@etclink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Dale,

One thing that you might consider is making your antenna non-resonant on any band that you want to work. For an effective multi-band Center Fed Zepp style of antenna, you want to avoid resonant half wave radiators or multiples of these on the higher bands and you also want to avoid 1/4 wavelengths of feedline and odd multiples on the bands that you want to work. I've been using this formula for quite some time and it works very well. Also, the MFJ tuner is probably working a bit better due to a bit wider tuning range and (not so good) a lossy 4:1 Balun on the output. If you really want to make an antenna like this work well, look around for an old Johnson Matchbox (True BLT). I just picked up a Norcal BLT at Pacificon, and have not put it together yet, but looking at the schematic, all of the same "Non-Resonant" rules should apply. At 66' you are resonant on 40 and real close on 15. This may be your problem, at least from my experiences. I'd either add or subtract enough wire in the antenna and feedline to make it non resonant and try it again. One last thought, generally a sharp match (tweaky) indicates a fairly good match, but if you are getting a good match over a wide range of tuner settings, that generally indicates a lot of loss somewhere in the system (I'd suspect the Balun). Good luck and let us know how it works out.

73's Trev KG6CYN

<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: "Dale Botkin" <dale@botkin.org>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Wednesday, November 05, 2003 7:48 PM

Subject: BLT help?

> Hi all,

>

> I finished my BLT a while back and been using it a little on 40. So far
> so good, but I did kind of expect more than this, and I'm assuming it's
> me.

>

> The antenna is a 66' doublet in the attic, fed with about 80' or
> so of twinlead. My MFJ 941-D tunes it on pretty much every band, either

> perfectly or at least pretty well. Of course I don't expect the BLT to
> "match" the performance of the 941.
>
> On 40 I can get a good match with the BLT with not much trouble. On 30 I
> can get a match, but it takes a lot of twiddling and is very, very sharp.
> On 20 I fooled around for several minutes and got it below 1.5:1, but it's
> **extremely** sharp. On 15 and above, it's useless to try; I have C2
> fully clockwise and can't get a decent match on any band above 20. High
> or low impedance switch didn't make a difference.
>
> Again, I'm not blaming the tuner. I did double check all the wiring and
> also to make sure the trimmers are fully un-meshed as instructed. Tried
> them meshed just for kicks and that made it much worse. So is it just
> that it won't match this particular antenna well, or does it sound like I
> did something wrong? I'm reasonably sure I managed to count the turns
> right on the toroid, but you never know.
>
> 72,
> Dale - N0XAS
> --
> It's a thankless job, but I've got a lot of Karma to burn off.
> NEW PicoKeyer kit w/PCB and all parts - <http://www.hamgadgets.com>
>
>

Date: Wed, 5 Nov 2003 20:28:22 -0800
From: "Lyle Johnson" <wa7gxd@fidalgo.net>
To: "Dick" <dboley@adelphia.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160764] RE: Direct Conversion Receiver/transceiver - supressed sideband
Message-ID: <NEBBKGGNGLGOHDJKFAPHCEGLFDAA.wa7gxd@fidalgo.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> ... Any opinions???

Check out the 17m transceiver project in EMRFD. You can always just build
the receiver part...

-Lyle KK7P

Date: Wed, 5 Nov 2003 22:46:53 -0600
From: "George, W5YR" <w5yr@att.net>
To: "Thomas Kuehl" <ac7a@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [160765] Re: Nov 4th AC7A Preliminary Log
Message-ID: <032701c3a421\$00b7afe0\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thomas, your 0202 contact was W5YR not W5YK.

Thanks for the pelt - good signals into the Dallas area all evening long.

73/72, George
Amateur Radio W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE
"Starting the 58th year and it just keeps getting better!"
w5yr@att.net

----- Original Message -----
From: "Thomas Kuehl" <ac7a@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, November 05, 2003 10:07 PM
Subject: FOX: Nov 4th AC7A Preliminary Log

> Howdy Hounds,
>
> We all fought tough conditions last night and I think my ears have finally
> stopped bleeding! I was busy the entire 2 hours and spent a fair amount of
> time digging some weak ones out of the noise and heavy QRM. There were
> others calling but they were just too mixed in the noise for me to reliably
> copy their signal. I am sorry about that. There were 86 pelts plus 2
FOXes,
> for a total of 88.
>
> Here is my preliminary log for November 4th, which was November 5th UTC.
> Please let me know of any errors.

>
> '72, Thomas - AC7A (Tucson)
>
> Time Call RST(r) RST(s) SPC Name Pwr(W)
>
> 0200 W0PWE 559 559 IA Jerry 5
> 0201 K5DW 559 559 TX Don 5
> 0202 W5YK 559 559 TX George 5

Date: Wed, 5 Nov 2003 22:58:58 -0600
From: "Jerry Ford" <benlightnd13@mchsi.com>
To: "qrp-l" <qrp-l@lehigh.edu>, "FPigs" <fpqrp-l@mpna.com>
Subject: [160766] Any late night piggies still up
Message-ID: <02cf01c3a422\$b119b080\$4a78da0c@mchsi.com>

If you are, stop by the watering hole and bring me some slop to eat.
I's hungri !!
It's 05:12z and I'm listening on 7.044

hope to see ya there:

72 es oo Jerry N0JRN
FP # 546, 4SQRP, ARS # 923, ARCI # 11049, ARRL,
Springfield, Mo. MP + #8

Date: Wed, 5 Nov 2003 21:18:06 -0800
From: "Trevor Jacobs" <kg6cyn@softhome.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [160767] QSL.Net Down
Message-ID: <002401c3a425\$5e3d0b70\$e9dab3d1@etclink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Gang,

Is QSL.NET down tonight? Been trying to access it for a while but nada here from my earthlink connection this evening. Anyone able to access it right now? FTP seems to be up but I can't ping it and web access is nada.
Thanks...

73's Trev KG6CYN
<http://www.qsl.net/kg6cyn>

Date: Wed, 5 Nov 2003 21:39:39 -0800 (PST)
From: KI8DU <ki8du1@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [160768] Re: QSL.Net Down
Message-ID: <20031106053939.9091.qmail@web11304.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Yeah...same here Trev. Guess they are having problems.
In fact, I 've been having trbls for the last couple
evenings.

'72 oo
Roger / KI8DU
www's original cw net listings
<http://www.qsl.net/ki8du>

Do you Yahoo!?
Protect your identity with Yahoo! Mail AddressGuard
<http://antispam.yahoo.com/whatsnewfree>

Date: Wed, 5 Nov 2003 22:12:13 -0800 (PST)
From: Bob KB2FEL <kb2fel@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [160769] Re: Direct Conversion Receiver/transceiver - supressed sideband
Message-ID: <20031106061213.57599.qmail@web60508.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Are you talking about building a double sideband
receiver or a Direct Conversion??

Bob
KB2FEL
--- Dick <dboley@adelphia.net> wrote:
> I am interested in building a single band direct
> conversion receiver with
> 40db to 50db of opposite sideband rejection.

> Searching the Internet reveals
> three approaches:
>
> 1. Traditional DC receiver but no sideband
> suppression. I have one of these
> in my Rockmite.
>
> 2. The R2 Pro design that uses post detector
> non-digital filtering.
>
> 3. The Tayloe detector that uses an all digital
> approach.
>
> Has anyone had any experience with 2 & 3?? Seems
> that one could build the DC
> receiver, suppress the opposite sideband, and then
> use a PC based DSP
> program for further filtering at the audio level.
> Audio derived AGC could
> manage the gain. Winter is coming and it is very
> boring just making contacts
> with an Icom-746 on PSK. I am in a townhouse so
> antenna "development" is
> out. I do have a remotely tuned 1 meter square loop
> for 20 meters in the
> attic and a GAP challenger tied to an elevated deck.
>
> I would jump at what is currently called the
> Norcal-30 (Red Hot Radio)
> design by Dan Tayloe but it may not see the light of
> day before Spring. The
> Rick Campbell R2 Pro looks interesting but the
> conventional filters for
> sideband suppression may be a pain to align and keep
> there. The SDR-1000 by
> Flex Radio seems to be very good, but dropping \$500
> for something that may
> not noticeably perform better than my 746 raises
> flags. Right now, if there
> was the usual gun to my head, I would opt for the R2
> Pro - Rick Campbell kit
> from Kanga for \$115.00. Any opinions???

>
> Dick N3HKN
>
>

Do you Yahoo!?

Protect your identity with Yahoo! Mail AddressGuard
<http://antispam.yahoo.com/whatsnewfree>

Date: Thu, 06 Nov 2003 00:19:08 -0600
From: Christopher Kovacs <ckovacs@mn.rr.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [160770] Re: Tornado Frequency instable during transmit
Message-ID: <3FA9E7DC.8070704@mn.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Thanks to all that responded. I should have mention that the Tornado was in an altoid case and was well grounded/shielded.

I thought you all might like to know the final out come. I figured that the RF amp was somehow feeding back to the oscillator (as also suggested). What I ended up doing was putting ferrite beads on the transistor leads. This did the trick, it's now stable.

Again, thanks for all the help and suggestions!

Now to get a contact on 40 :)

73,

Chris, WOANM

Christopher Kovacs wrote:

> I just finished a 40 meter Tornado Xcvr. I am noticing that the transmit
> frequency is shifting during transmit. If I transmit into a straight
> dummy load all is OK. If I use my EM tech ZM-2 antenna match and tune to
> lowest SWR (LED out), I get the transmit frequency shifting about 200 Hz
> when keying. I've tried two antenna's and a different tuner. It seems to
> be more aggravated (more often it occurs) when transmitting with 12.6 V
> vs 9V.

>
> The crystal case is grounded.

>
> Any suggestions?

>
> 73

>

> Chris, W0ANM
>
>

Date: Thu, 6 Nov 2003 06:46:30 -0500
From: "Armin Hachmer" <armin@muskoka.com>
To: <jsielke@pobox.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [160771] Re: was FOX lousy condx, now RIT/XIT use
Message-ID: <000701c3a45b\$9fc0d5a0\$9c6c7bd8@muskoka.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

John, thank you, that is too funny.
My old icom has 2 radios (VFO's also) I had to laugh out loud at your
definition of low end radio: an oatmealbox and a razor blade....haha
I always thought it was 2 cans and a piece of string.
I wonder how many of us 'really' use 2 radios? One for listening and one for
tx ?
My K1 works well split with RIT. I love that little rascal. It has some kind
of early days magic spark for me.
Like being 10, hiding under the blankets with a crystal set, the catwhisker
type...
Hey a friend and i had 'two radios' connected by a twisted pair. They looked
and sounded like doorbell buzzers and we burned up the wires at 1 wpm.

Thanks for starting my day with fine memories just by saying 'an oatmeal box
and a razor blade'
Cheers,

Armin near MacTier
in Central Ontario
VE3TEQ-VA3YB
72.599

> So that others will not be confused, high end radios like the
> > Yaesu FT-817 have 2 radios.
>
> Question #1. 2 RADIOS? Maybe 2 VFOs, but not 2 radios.
>
> Question #2. FT-817 a high-end radio? I guess if your low end starts
> with an oatmeal box and a razor blade.

>
> John W2AGN
>

Date: Thu, 06 Nov 2003 06:49:13 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: llachow@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [160772] Re: optimal counterpoisation?
Message-ID: <3FAA3539.5C9B84D@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

First you should separate the idea of a counterpoise from that of radials and the radiator in your mind. Radials are best used with vertical radiators. They are placed at the antenna base, either on the ground or elevated some distance. They form part of the antenna.

A coaxial cable or other feed line is inserted between the rig and the antenna/radial assembly.

You seem to be asking about end fed type antennas. Here it is important to provide a counterpoise for RF ground. There is NO feed line imposed between the rig and the antenna.

The purpose of a counterpoise is to reflect 0 ohms impedance back to the rig's ground terminals. The easiest way to accomplish this is with a quarter wave piece of wire.

Obviously a quarter wave at 40 is different from a quarter wave at 30, and at 20. However, you can group three wires into one bundle, using rotator cable or separate wires heat shrinked together.

The approach I use is an MFJ Artificial Ground with a short spike tuned to resonance with the ground tuner. This works very well for my end fed antenna but may be a bit more than you want to carry camping. See my QST article on "Compromise Antennas".

73

Date: Thu, 6 Nov 2003 06:58:09 -0500
From: "Armin Hachmer" <armin@muskoka.com>

To: <mail@brucegrubbs.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160773] Re: optimal counterpoisation?
Message-ID: <000f01c3a45d\$420455c0\$9c6c7bd8@muskoka.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I use a 33 ft vertical aluminum telescoping antenna with 20 counterpoise wires. 15 are 6 ft long. Thats the maximum the book says you need to use of that length. All the RF is in the ground by the time it gets to the end of the 6 ft wires due to the space between them.
Another 5 are 16 ft long and dont always get used. Campsite space?
Best results are found when one or more wires reach into the lake.
My next field antenna will be 16 ft of vertical aluminum tubing with 16 ft of horizontal wire, elevated a bit off the ground. Ladder line to feed and a tuner. I want to try that for simplicity , less visible impact and fast set up.
I have a park-on mount which holds a 6 ft fiberglass pipe. That will do nicely. The horizontal wire does not need to be quite horizontal but needs an insulator.

Armin near MacTier
in Central Ontario
VE3TEQ-VA3YB
72.599

----- Original Message -----

From: "Bruce Grubbs" <mail@brucegrubbs.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, November 05, 2003 10:05 PM
Subject: Re: optimal counterpoisation?

> For what it's worth, I use an 82 foot wire with a single 33 foot counterpoise
> with my K1/KAT1, and it tunes up nicely on 40, 30, 20, and 15. It seems to
> get out well.
>
> 73,
> Bruce
> N7CEE

Date: Thu, 6 Nov 2003 07:07:16 -0500
From: "John Huffman" <hjohnc@core.com>

To: <adventureradiosociety-announcements@mailman.qth.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [160774] November Spartan Sprint Results
Message-ID: <009b01c3a45e\$864202e0\$89c859cf@jhuffmanlt>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Results of the November 2003 Spartan Sprint

You know it's going to be a tough month when you start off by mistakenly informing all the members that they are being dropped from the email announcement list. Sorry folks.

Just to let folks know that they are still on the Adventure Radio Society announcement list, these results are being sent to all ARS members. Usually we just send results to participants and the QRP-L mailing list.

Therefore, if you subscribe to QRP-L you will get a copy of the results. If you are an ARS member you will get another copy of the results. If you are a participant you will get another copy of the results. In the future, I'll try to limit it to just the participants and QRP-L.

Through a suggestion of Alan KB7MBI we asked participants to list their rig and antenna in their Soapbox comments. Many did and it makes for interesting reading. The Soapbox will be on the web site, www.ARSqrp.com, with the November issue of the Sojourner in a few days.

Some feel they can't compete in the Sprints because they don't have big antennas and beams. This month's Skinny winner used antennas in the attic. Six of the top seven Skinny finishers used wire antennas - zepps, loops, and long wires. Even the third place Tubby used an 88' doublet. Looks like a wire in the air (or in the attic) is all you need to be a Sprint competitor.

This month conditions were far from perfect. Besides the ionosphere, many operators were coming off a long weekend of CW Sweepstakes. Everything considered, we had an excellent Sprint.

The total number of logs was 71, up nicely from last month's 63. Total QSOs were also up. This was due to more logs and not conditions, which continued to struggle. As you can see below, the conditions on 20 meters were poor and 40 meters was the place to be. 80 meters is also coming back and we head for winter.

Here's the band statistics:

Band	This Month	Last Month
80M -	162	62 QSOs
40M -	1189	893 QSOs
20M -	349	634 QSOs
15M -	2	16 QSOs
10M -	0	0 QSOs
Total -	1702	1605 QSOs

Skinny Winners -

Phil K4PQC used his ultra light-weight AT Sprint setup to gather 25 contacts and first place. Second place went to Bob N4BP had a new KX1 that was heavier but netted more QSOs with 66 points. And in third was Mike K04WX who's under one pound setup managed 23 contacts.

Skinny ops are moving to some of the available ultra light radios now available. The top four Skinnys used AT Sprint, KX1, KX1, KX1. See a pattern?

Tubby Division Winners -

First place went to Jim WA9TZE who always shows well in the Sprints. He had top score with 94 contacts. Second was Dave NJ4X just two contacts back. Todd N9NE took third with 81 QSOs. Both Jim and Todd gained a lot of points

by going to 80 meters.

Mike AF4LQ was strong on 80 with 19 QSOs. Tom K3TW was top on 40M with 63 which with his other points put him in fourth place overall by just one point. Dave NJ4X led 20M with 65. Dean KH6B and Howard KG6WP tied as 15M champs with just one point each.

Special Recognition, Outside Operation -

W3HQ

K1 - 5w to 150' wire up 50'

"Good SP tonight. A bit cold outside in the tent with only 59 degrees, QTH is PA, but it sure felt a lot colder! Next month, I will operate ARP SP on the beach from St. Thomas, USVI. If anyone wants a "DX" QSO on 40/20/15 meters, let me know and we will try a SKED; email - fclambert@infonale.com."

AA4XX

SW20+ 1/2wave beach mounted vertical

"I decided to take advantage of the warm wx to operate under the stars at Topsail Beach. The only problem was, the stars were on the other side of a bunch of rain clouds. Between the rain and mosquitoes, I managed to set a new personal SP LOW record of three whole contacts! Still, ANY night at the beach is a good night. My posted weight of 1.48 lbs includes both the radio gear and the antenna system. My goal is to reduce the complete stn weight to less than 1 lb. Thanks to ARS for sponsoring the monthly sprints."

KB2FEL/8

Argo V 5W Ham Stick Verticals Bat Pack Portable

"Set up on the front porch with the Ham Stick Verticals mounted on the rail.

I know its not camping but it was outside and the stars were more numerous then the contacts Hi."

Late Logs -

In October Eric AC6NT had 22 QSOs from "a vast dust bowl, otherwise known as my back yard."

RESULTS -

Each contact received one point. If you didn't tell us the weight of your station, or if your station weighed more than a house, we assigned a weight of 30 pounds.

The soapbox is published separately in the October issue of The ARS Sojourner which comes out soon. Don't miss it! www.ARSqrp.com

We hope everyone had a good time. See you in November!

THE SKINNY DIVISION (results sorted in the order of points per pound)

Call	80M	40M	20M	15M	10M	Points	Weight	Points
Per Pound								
K4PQC	0	24	1	0	0	25	0.369	67.75
N4BP	0	55	11	0	0	66	1.13	58.41
K04WX	0	23	0	0	0	23	0.9	25.56
K3ESE	0	17	3	0	0	20	0.88	22.73
KI0II	4	38	15	0	0	57	3.1	18.39
W3HQ	0	33	0	0	0	33	2	16.5
WY1W	0	36	0	0	0	36	2.2	16.36
N3AO	0	36	2	0	0	38	2.5	15.2
W1PID	0	16	0	0	0	16	1.1	14.55
K6RXL	0	25	3	0	0	28	2	14
WV0H	0	23	3	0	0	26	2.175	11.95
NA8M	0	20	4	0	0	24	2.2	10.91
N7CEE	0	9	1	0	0	10	0.94	10.64
N4HAY	0	45	2	0	0	47	5	9.4
WB8RTJ	0	19	7	0	0	26	2.8	9.29
N0JRN	0	34	0	0	0	34	4.5	7.56
WA1ZCB	0	19	1	0	0	20	2.8	7.14
K7UD	0	9	5	0	0	14	2.1	6.67
K9YT	0	0	6	0	0	6	0.964	6.22
N4DMI	0	21	0	0	0	21	3.5	6
KH6B	0	2	23	1	0	26	4.4	5.91
KB9ZUR	0	26	0	0	0	26	4.8	5.42
VE3ELA	9	10	2	0	0	21	4.1	5.12
N0TK	0	21	7	0	0	28	6	4.67

KB9LCK	2	6	2	0	0	10	2.4	4.17
WA8REI	0	19	0	0	0	19	5.5	3.45
KF0N	0	10	0	0	0	10	3	3.33
N6IZ	0	23	2	0	0	25	7.6	3.29
VE3WMB	0	8	0	0	0	8	2.5	3.2
W2BVH	10	10	2	0	0	22	7	3.14
WA9TZE	19	51	24	0	0	94	30	3.13
NJ4X	0	27	65	0	0	92	30	3.07
N9NE	18	49	14	0	0	81	30	2.7
K6LG	1	16	15	0	0	32	12	2.67
K3TW	12	63	5	0	0	80	30	2.67
KA3WMJ	11	4	4	0	0	19	7.5	2.53
AF4PP	0	12	0	0	0	12	5	2.4
KA9UDA	0	3	3	0	0	6	2.6	2.31
W9FNB	7	12	4	0	0	23	10	2.3
AA4XX	0	0	3	0	0	3	1.48	2.03
W8HF	0	0	2	0	0	2	1	2
AF4LQ	19	0	0	0	0	19	10	1.9
WB1HGA	0	9	0	0	0	9	5	1.8
K3NG	0	16	9	0	0	25	15	1.67
N1RR	12	35	3	0	0	50	30	1.67
K7TQ	0	22	21	0	0	43	30	1.43
KC7MM	0	11	5	0	0	16	12	1.33
K7RE	0	11	26	0	0	37	30	1.23
KG6WP	0	11	1	1	0	13	12	1.08
N4VBV	0	2	0	0	0	2	2	1
WA1VGB	0	3	0	0	0	3	3	1
KA8LLE	14	11	1	0	0	26	28	0.93
AB4VF	0	6	0	0	0	6	7	0.86
K8KFJ	11	12	1	0	0	24	30	0.8
W0NTA	0	20	4	0	0	24	30	0.8
K2EKM	0	4	1	0	0	5	6.37	0.78
K YWD	1	3	0	0	0	4	5.5	0.73
KB7MBI	0	16	5	0	0	21	30	0.7
N2JJ	0	17	4	0	0	21	30	0.7
KD5S	0	6	4	0	0	10	14.5	0.69
K6UIZ	0	10	9	0	0	19	30	0.63
K4BX	0	17	1	0	0	18	30	0.6
AE7RW	0	11	6	0	0	17	30	0.57
K5JHP	1	15	0	0	0	16	30	0.53
KB2FEL/8	8	5	1	0	0	14	30	0.47
W8YMO	3	10	1	0	0	14	30	0.47
K3AS	0	10	0	0	0	10	30	0.33
W4NJK	0	4	5	0	0	9	30	0.3
K6RPN	0	8	0	0	0	8	30	0.27
WB7AEI	0	6	0	0	0	6	30	0.2
WB6HQB	0	4	0	0	0	4	30	0.13

THE TUBBY DIVISION (results sorted in the order of points)

Call	80M	40M	20M	15M	10M	Points
WA9TZE	19	51	24	0	0	94
NJ4X	0	27	65	0	0	92
N9NE	18	49	14	0	0	81
K3TW	12	63	5	0	0	80
N4BP	0	55	11	0	0	66
KI0II	4	38	15	0	0	57
N1RR	12	35	3	0	0	50
N4HAY	0	45	2	0	0	47
K7TQ	0	22	21	0	0	43
N3AO	0	36	2	0	0	38
K7RE	0	11	26	0	0	37
WY1W	0	36	0	0	0	36
N0JRN	0	34	0	0	0	34
W3HQ	0	33	0	0	0	33
K6LG	1	16	15	0	0	32
N0TK	0	21	7	0	0	28
K6RXL	0	25	3	0	0	28
KB9ZUR	0	26	0	0	0	26
KH6B	0	2	23	1	0	26
WV0H	0	23	3	0	0	26
WB8RTJ	0	19	7	0	0	26
KA8LLE	14	11	1	0	0	26
K3NG	0	16	9	0	0	25
K4PQC	0	24	1	0	0	25
N6IZ	0	23	2	0	0	25
NA8M	0	20	4	0	0	24
K8KFJ	11	12	1	0	0	24
W0NTA	0	20	4	0	0	24
K04WX	0	23	0	0	0	23
W9FNB	7	12	4	0	0	23
W2BVH	10	10	2	0	0	22
KB7MBI	0	16	5	0	0	21
N2JJ	0	17	4	0	0	21
N4DMI	0	21	0	0	0	21
VE3ELA	9	10	2	0	0	21
K3ESE	0	17	3	0	0	20
WA1ZCB	0	19	1	0	0	20
AF4LQ	19	0	0	0	0	19
WA8REI	0	19	0	0	0	19
KA3WMJ	11	4	4	0	0	19
K6UIZ	0	10	9	0	0	19
K4BX	0	17	1	0	0	18
AE7RW	0	11	6	0	0	17
W1PID	0	16	0	0	0	16
K5JHP	1	15	0	0	0	16
KC7MM	0	11	5	0	0	16

K7UD	0	9	5	0	0	14
KB2FEL/8	8	5	1	0	0	14
W8YMO	3	10	1	0	0	14
KG6WP	0	11	1	1	0	13
AF4PP	0	12	0	0	0	12
N7CEE	0	9	1	0	0	10
KD5S	0	6	4	0	0	10
K3AS	0	10	0	0	0	10
KB9LCK	2	6	2	0	0	10
KF0N	0	10	0	0	0	10
W4NJK	0	4	5	0	0	9
WB1HGA	0	9	0	0	0	9
VE3WMB	0	8	0	0	0	8
K6RPN	0	8	0	0	0	8
WB7AEI	0	6	0	0	0	6
AB4VF	0	6	0	0	0	6
KA9UDA	0	3	3	0	0	6
K9YT	0	0	6	0	0	6
K2EKM	0	4	1	0	0	5
WB6HQQ	0	4	0	0	0	4
K YWD	1	3	0	0	0	4
WA1VGB	0	3	0	0	0	3
AA4XX	0	0	3	0	0	3
N4VBV	0	2	0	0	0	2
W8HF	0	0	2	0	0	2

Date: Thu, 6 Nov 2003 07:42:59 -0500
 From: "Mike Yetsko" <myetsko@insydesw.com>
 To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
 Subject: [160775] Re: X-20 MEGA-FLARE
 Message-ID: <001d01c3a463\$868b4ea0\$0200a8c0@charter.net>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="iso-8859-1"
 Content-Transfer-Encoding: 7bit

> Spaceweather.com is saying the following:
 >
 > MEGA-FLARE: Giant sunspot 486 unleashed yet another powerful solar flare
 > today (Nov. 4th, 1950 UT), and this one could be historic. The blast
 > saturated X-ray detectors onboard GOES satellites. The last time that
 > happened in 2001, the flare was classified as an X20--the biggest ever.
 >
 > X-ray Solar Flares

> 6-hr max: X20 1950 UT Nov04
> 24-hr: X20 1950 UT Nov04

I was just over on SpaceWeather.com and they are now saying the flare hit a record X28.

Lucky it didn't aim at the earth!

Mike

Date: Thu, 6 Nov 2003 08:28:14 -0500
From: "Ken Newman" <n2cq@dandy.net>
To: "List QRP-Canada" <qrp-canada@neale.gpfn.sk.ca>,
"K8NI Norm Into" <normk8ni@neo.rr.com>,
Subject: [160776] [CONTEST] N2CQ QRP Contest Calendar Nov 7-30
Message-ID: <019501c3a469\$d8ebf6d0\$6bea80d1@kensdell>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

~~~~~  
N2CQ QRP CONTEST CALENDAR  
November 7-30, 2003  
~~~~~

40 METER FOXHUNT - Wednesday 0200z to 0400z (Tue eve USA)
Info: <http://www.cqc.org>

~~~~~  
Truffle Hunt - 30 min before Fox Hunt  
Info: [http://fpqrp.com/pig\\_hunt.html](http://fpqrp.com/pig_hunt.html)  
~~~~~

HA-QRP Contest (CW - 80 Meters) *** QRP Contest***
Nov 1, 0000z to Nov 7, 2400z
Rules: <http://www.sk3bg.se/contest/haqrp.htm>
~~~~~

Japan International DX Contest (phone)... <100w category  
Nov 8, 0700z to Nov 9, 1300z  
Rules: <http://je1cka.jzap.com/jidx/jidxrule-e.html>  
~~~~~

WAE RTTY Contest (Digital)... <100W Category
Nov 08, 0000z to Nov 09, 2359z
Rules: <http://www.darc.de/referate/dx/fedcw.htm>
~~~~~

OK/OM DX Contest (CW) ... QRP Category!

Nov 08, 1200z to Nov 09, 1200z

Rules: [http://www.okomdx.radioamater.cz/uvnitr\\_en.htm](http://www.okomdx.radioamater.cz/uvnitr_en.htm)

~~~~~  
FPQrp Run For The Bacon (CW) ***QRP Contest***

Nov 10, 0030z to 0230z

Rules: <http://fpqrp.com/fpqrpapun.html>

~~~~~  
ARRL Sweepstakes (Phone) ... QRP Category

Nov 15, 2100z to Nov 17, 0300z

Rules: <http://www.arrl.org/contests>

~~~~~  
HOT Party (CW) ... QRP Category

Nov 16, 1300z to 1500z (40 Meters)

Nov 16, 1500z to 1700z (80 Meters)

(HOMEBREW & OLDTIME - EQUIPMENT - PARTY)

Rules: <http://www.qrpcc.de/>

~~~~~  
LZ DX CONTEST (CW) ... QRP Category

Nov 22, 1200z to Nov 23, 1200z

Rules: <http://www.qsl.net/lz1fw/contest/>

~~~~~  
CQ World Wide DX Contest (CW) ... QRP Category!

Nov 29, 0000z to Nov 30, 2400z

Rules: <http://www.cq-amateur-radio.com/>

~~~~~  
Thanks to SM3CER, WA7BNM, N0AX(ARRL), WB3AAL and others  
for assistance in compiling this calendar.

Please foreward the contest info you sponsor to N2CQ@ARRL.NET and  
we will post it and give it more publicity.

Anyone may use this "N2CQ QRP Contest Calendar" for your website,  
newsletter, e-mail list or other media as you choose.

(Include a credit to the source of this material of course.)

72 de

Ken Newman - N2CQ

N2CQ@ARRL.NET

<http://www.amqrp.org/contesting/contesting.html>

<http://www.n3epa.org/Pages/Contest/contest.htm>

-----  
Date: Thu, 06 Nov 2003 08:47:43 -0500

From: Kevin Gunther <beeltee@optonline.net>

To: n4xy@earthlink.net,

Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [160777] Re: Concorde picture set  
Message-ID: <01a901c3a46c\$8dbfb400\$9b825643@cdghome>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

----- Original Message -----

From: "Ed Tanton" <n4xy@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Wednesday, November 05, 2003 10:01 PM  
Subject: OT: Concorde picture set

> A friend has just sent me a set of 6 JPGs of the last Concorde flight.  
> Flying with the Concorde are the Red Arrows British Royal Airforce  
> acrobatics team. Be happy to forward a set to y'all... unless demand is  
too  
> high and then I'll put it on a webpage. Great photos!!!  
>  
> 72/73 Ed Tanton N4XY <n4xy@earthlink.net>

About a week ago, someone posted a site with the last 12 minute of the  
Concorde coming into Heathrow.

Was interesting to listen to. Not sure of the site, but would be easy to  
find.

Kevin

-----  
Date: Thu, 6 Nov 2003 08:50:04 -0500  
From: "Noyce, Bill" <william.noyce@hp.com>  
To: <qrp-l@Lehigh.EDU>  
Subject: [160778] Re: Direct Conversion Receiver/transceiver - supressed sideband  
Message-ID:  
<6D6463F31027B14FB3B1FB094F2C7447047D9FD7@tayexc17.americas.cpqcorp.net>  
Content-class: urn:content-classes:message  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

> 2. The R2 Pro design that uses post detector non-digital filtering.  
> 3. The Tayloe detector that uses an all digital approach.

I'm not sure what you see as the difference between these. The R2 & R2 Pro uses a hybrid to produce quadrature L0, followed by traditional diode mixers, while the Tayloe detector uses flip flops to produce quadrature L0, followed by MOS multiplexers as mixers (as far as I can recall), but they both end up with the same pair of signals: I and Q channels of audio. At that point you need to phase shift them and add them, and there are a bunch of choices: a bank of all-pass filters as used in the R2 and R2 Pro (and in the NorCal 30), a network of capacitors and resistors as shown in some ARRL Handbooks, or a DSP or PC program.

I was intrigued by yet another choice -- simply provide the two channels to the headphones and let your head do the separation. My 80m transceiver uses flip-flops to produce a quadrature L0, a pair of home-brew diode mixers using 1N4148's, and some simple audio filtering and amplification, to produce a "Binaural" output to stereo headphones. It produces noticeable stereo separation (I can easily tell which side of a signal I'm tuned), but stations on the "other" side are still pretty distracting. Doesn't compare with your wished-for 40-50 dB of sideband compression! My next receiver will probably use the same L0 and mixer design, followed by a set of all-pass filters, shooting for the 40 dB that KK7B says is relatively easy to achieve.

-----  
Date: Thu, 6 Nov 2003 05:53:38 -0800 (PST)  
From: Curt Milton <wb8yyy@yahoo.com>  
To: Dick <dboleyle@adelphia.net>,  
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [160779] Re: Direct Conversion Receiver/transceiver - suppressed sideband  
Message-ID: <20031106135338.76504.qmail@web21408.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Dick

thanks for the interesting email.

first in regard to a DSP receiver, the RF architecture of the receiver does not have a strong bearing - you can use DSP either with a superhet or direct conversion.

as you know a well designed superhet can address the image response by filtering. a direct conversion receiver must use phase cancellation to do the same.

here in the east, its also a challenge to keep a DC receiver front end linear amidst the BC stations on 40 and 30 meters! (i have a 40m DC rig i built a few years ago - i may punt and move to another band!)

while at one time superhets were much more complex in terms of parts than a direct conversion receiver, frequency converting ICs and inexpensive crystals from microprocessor industry have changed all that. note the receiver architecture of modern qrp rigs (SW-series, K1, etc. are very similar and the receive circuitry very inexpensive).

Rick Campbell is clearly the authority on single signal DC receivers (so do read his articles!). But today it is more trouble to build a single signal DC receiver than to build a superhet! Note you can buy a complete SW-series transceiver kit for less than the price of a R2 or mini-R2 receiver kit!

You can certainly have fun without a huge investment so do your research. In addition to other qrp platforms, you may want to also check out the "Multi-Pig" from partsandkits.com. Its a bigger investment but its performance (and number of bands) is higher.

Also read DSP articles in QST and the QRP journals for ideas.

I suspect you will get some more interesting ideas from the list!

curt wb8yyy

```
--- Dick <dboley@adelphia.net> wrote:
> I am interested in building a single band direct
> conversion receiver with
> 40db to 50db of opposite sideband rejection.
> Searching the Internet reveals
> three approaches:
>
> 1. Traditional DC receiver but no sideband
> suppression. I have one of these
> in my Rockmite.
>
```

> 2. The R2 Pro design that uses post detector  
> non-digital filtering.  
>  
> 3. The Tayloe detector that uses an all digital  
> approach.  
>  
> Has anyone had any experience with 2 & 3?? Seems  
> that one could build the DC  
> receiver, suppress the opposite sideband, and then  
> use a PC based DSP  
> program for further filtering at the audio level.  
> Audio derived AGC could  
> manage the gain. Winter is coming and it is very  
> boring just making contacts  
> with an Icom-746 on PSK. I am in a townhouse so  
> antenna "development" is  
> out. I do have a remotely tuned 1 meter square loop  
> for 20 meters in the  
> attic and a GAP challenger tied to an elevated deck.  
>  
> I would jump at what is currently called the  
> Norcal-30 (Red Hot Radio)  
> design by Dan Tayloe but it may not see the light of  
> day before Spring. The  
> Rick Campbell R2 Pro looks interesting but the  
> conventional filters for  
> sideband suppression may be a pain to align and keep  
> there. The SDR-1000 by  
> Flex Radio seems to be very good, but dropping \$500  
> for something that may  
> not noticeably perform better than my 746 raises  
> flags. Right now, if there  
> was the usual gun to my head, I would opt for the R2  
> Pro - Rick Campbell kit  
> from Kanga for \$115.00. Any opinions???  
>  
> Dick N3HKN  
>  
>

-----  
Do you Yahoo!?

Protect your identity with Yahoo! Mail AddressGuard  
<http://antispam.yahoo.com/whatsnewfree>

-----

Date: Thu, 06 Nov 2003 09:12:48 -0500  
From: John Sielke <jsielke@pobox.com>  
To: qrp-l@lehigh.edu  
Subject: [160780] Re: QSL.Net Down  
Message-ID: <3FAA56E0.7050108@pobox.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

If I may make a suggestion, without being yelled at for picking on Al,  
K3TKJ, (and yes, I am a contributor to QSL/QTH.NET).

Be VERY sure you have a current backup of all your Web Page files, if  
you have your web page on QSL.NET.

John W2AGN

-----  
Date: Thu, 6 Nov 2003 08:06:25 -0600  
From: "Jerry Ford" <benlightnd13@mchsi.com>  
To: "qrp-l" <qrp-l@lehigh.edu>, "FPigs" <fpqrp-l@mpna.com>  
Subject: [160781] KH6B please reply  
Message-ID: <033001c3a46f\$2aa530e0\$4a78da0c@mchsi.com>

Hi Dean:  
Drop me a post please.

Thanks

72 es oo Jerry NOJRN  
FP # 546, 4SQRP, ARS # 923, ARCI # 11049, ARRL,  
Springfield, Mo. MP + #8

-----  
Date: Thu, 6 Nov 2003 04:53:41 -0000  
From: "Walt Amos" <waltk8cvamos@aaaahawk.com>  
To: "Qrp-L Mail" <qrp-l@lehigh.edu>, <fistsc2c@yahoo.com>  
Subject: [160782] Re: Headphones  
Message-ID: <000a01c3a471\$07047c20\$9ec83f40@waltamos>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit



If you have an old BELL TELEPHONE laying around unscrew the ear cap on the receiver and in there you will find a carbon element with a 100A black resistor size thing across the terminals. It is a volume limiter consisting of two diodes back to back and it can be soldered across your head phone jack or cord and will short out loud signals. Two 1n34 diodes back to back will also do the same thing. It is called a LIMITER and you can look that up in the index of the ARRL handbook and read all about it. Save your ears !

Walt K8CV Royal Oak, MI.

----- Original Message -----

From: "Paul Beringer" <fistsc2c@yahoo.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Thursday, November 06, 2003 3:11 AM

Subject: Headphones

> Anyone got some good advice on lightweight headphones for the K1? I was  
> using a pair of cheap in the ear type of headphones during MQFD a couple  
of  
> weeks ago. Got blasted by a nearby transmitter and blew 'em out. Almost  
sent  
> me to heaven too. I don't want to spend more than \$30 but would be willing  
> to invest more if you folks can convince me otherwise.  
> 73  
> Paul NG7Z  
> ---  
> Outgoing mail is certified Virus Free.  
> Checked by AVG anti-virus system (<http://www.grisoft.com>).  
> Version: 6.0.534 / Virus Database: 329 - Release Date: 10/31/2003  
>

-----  
Date: Thu, 6 Nov 2003 08:47:21 -0600

From: <stanw@toxsor.com>

To: <qrp-1@lehigh.edu>, <dbiket@adelphia.net>

Subject: [160783] Re: Direct Conversion Receiver/transceiver - suppressed sideband

Message-ID: <000301c3a474\$e5f7f4e0\$0364010a@toxsor.com>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Dick you should look at the LinRad DSP program mated up to something like

the Time Machine.

<http://www.expandedspectrumsystems.com/>

That should perform better (equal) than a 746. But a 746 is not a bad receiver. It is really getting difficult to compete with all of the new receivers in the market with a home brew setup.

You do not need all of the circuitry of the Time Machine unless you want to record and play back feature. Simple circuit, the LinRad DSP software does all of the work. Linux and LinRad are free and one can pick up a nice computer for a couple of hundred dollars that will run it on e-bay. I think I paid \$200 for a full box that runs at 833 mHz with 30 gig HD.

A R2Pro should play well with LinRad also. Time Machine little easier to duplicate.

Next step up would be the RX2500 with LinRad, but the dollars go up when you play in that game.

Stan AK0B

-----  
Date: Thu, 6 Nov 2003 07:44:30 -0700  
From: "Chris Trask" <chrisrask@earthlink.net>  
To: <n4xy@earthlink.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [160784] Re: Concorde picture set  
Message-ID: <012401c3a474\$7ec1d660\$93044bab@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

>  
> A friend has just sent me a set of 6 JPGs of the last Concorde  
> flight. Flying with the Concorde are the Red Arrows British Royal  
> Airforce acrobatics team. Be happy to forward a set to y'all...  
> unless demand is too high and then I'll put it on a webpage. Great  
> photos!!!  
>

Many years ago, I was flying a C-130E from Harrisburg PA to Raleigh-Durham NC, and flew right over Dulles Intl. Looking down, I saw a Concorde parked next to one of the Goodyear blimps. At the time, I asked myself which one would be obsolete first. Now I know.

I'd like to see those photos.

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.-----.  
|      |  
| What's all this    |\n| extinct stuff, anyhow? /|\n|_____,'-----'\n|\n- ||/\n oo\  
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. '-||)_ _ :. \ \  
     |||_| \ '. h  
c_--; c_--; '...'>._
```

Email: [christrask@earthlink.net](mailto:christrask@earthlink.net)  
<http://www.home.earthlink.net/~christrask>

```
> 72/73 Ed Tanton N4XY <n4xy@earthlink.net>
>
> Ed Tanton N4XY
> 189 Pioneer Trail
> Marietta, GA 30068-3466
>
>
> website: http://www.n4xy.com
>
> All emails <IN> & <OUT> checked by
> Norton AntiVirus with AutoProtect
>
```

> LM: ARRL QCWA AMSAT & INDEXA;  
> SEDXC NCDXA GACW QRP-ARCI  
> OK-QRP QRP-L #758 K2 (FT) #00057  
>  
> -----  
> "He that gives up a little liberty to gain  
> temporary security will lose both and  
> deserve neither".  
> --Benjamin Franklin  
>  
> "Suppose you were an idiot ...  
> and suppose you were a member of  
> Congress... but I repeat myself."  
> --Mark Twain  
> -----  
>  
>

-----  
Date: Thu, 6 Nov 2003 07:58:39 -0700  
From: kizerian@xmission.com  
To: fistsc2c@yahoo.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [160785] Re: Headphones  
Message-ID: <1068130719.3faa619f65734@webmail.xmission.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 8bit

Paul

Most all of the inexpensive Sonys are good. My favorite is the Sennheiser MX-400 earbuds purchased from B&H Photo for about \$10. They are extremely well made and, like some of the Sony products, come in a nice wind-up case. They are guaranteed for two years, and, as an added bonus, will sound VERY good on your portable stereo. They are very sensitive. I have used them successfully with a matching transformer on crystal radios (there are more sensitive earbuds but none as well made). I have spent a great deal of time evaluating inexpensive stereo headphone for use with my ElmerRadio projects. If anyone needs more info about this subject I would be happy to share it.

Hope this helps

Bruce kk7zz

www.elmerdude.com

-----  
Date: Thu, 6 Nov 2003 07:17:41 -0800 (PST)  
From: Lloyd Lachow <llachow@yahoo.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [160786] Re: Headphones  
Message-ID: <20031106151741.479.qmail@web41004.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Koss' "The Plug" earbuds have a sensitivity spec of 112 dB/mW, and they sound good. There's stuff on the web about customizing them for fit and sound. I'm not used to, or thrilled about, using earplugs for headphones, but they are very light, and sound very good.

LL

=====

73, 72 es oo, Lloyd, K3ESE - Reisterstown, Maryland  
KX1#11 - multiPIG+14 - K1#379 - 20/40M RockMites  
Hunk o' Wahr - Begali Magnetic Classic Paddles  
ARRL - ARS - QRPParci - QCWA - FISTS #8774  
FPQRP #476 - QRP-L - BORG #2  
Fun = Skill / Power ! 8^D

-----  
Do you Yahoo!?  
Protect your identity with Yahoo! Mail AddressGuard  
<http://antispam.yahoo.com/whatsnewfree>

-----  
Date: Thu, 6 Nov 2003 10:40:25 -0500  
From: "Tom Crawford" <TMCsail@sbcglobal.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [160787] Re: Headphones  
Message-ID: <001e01c3a47c\$4c6e1a90\$0300a8c0@TOM>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Paul,

If you are willing to spend up to \$30, go to one of the discount electronic stores like Best Buy, etc. I know we hams think we need communications class equipment but the volume of sales in the consumer electronics makes the \$\$ much more competitive.

You'll find a number of options for very comfortable headphones. If they are sealed in bullet proof plastic @\$#@\$ just take 'em home (pay for them first - HI). If you don't like them after a couple of days take them back and try another pair. All of the big chains have a satisfaction guarantee/money back policy.

They will be wired for stereo but you can rewire them when you put your plug on.

And here's another idea just to try. Leave the standard stereo plug in place. Make an adapter with the mono plug for your radio on one end. Run your connections so that ONE of the earpieces goes directly to the mono plug but the other earpiece goes through a DPDT switch so you can reverse the polarity of its connection to the mono plug. This reverses the phase of the left and right side as seen on the HEIL pro. If you haven't experienced this capability... you ought'a try it.

...just read Bruce's post and I'll second everything he offered.

take care,

73

Tom, W3TMC

-----  
Date: Thu, 6 Nov 2003 10:57:18 EST  
From: ARDUJENSKI@aol.com  
To: qrp-l@lehigh.edu  
Subject: [160788] DK9SQ loop summary  
Message-ID: <36.4a9ed829.2cdb95e@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I have summarized the info on the DK9SQ LOOP received to date:

- Limp in the breeze, generally needs guying
- easy to assemble
- quiet, good for weak signals
- does well DX QRP

---majority of users recommend it  
---not really a directional antenna though some slight rejection off the ends  
may be noted (one S-unit).

Additionally, the following recommendations were made:

---add a 40m trap at the apex to open for 40m ops  
---use balanced feed when possible  
---make loop smaller (about 48ft) to improve ops

Although not an ideal antenna ( and none are) it appears to offer some potential if you understand it's limitations. As with all antennas, they are compromises. Thanks for all the feedback.

Alan KB7MBI in Woodinville, WA  
FISTS 5702 / ARS / Proud member of ARRL  
--- --- . . . . . --- --- DIT DIT

-----  
Date: Thu, 06 Nov 2003 11:27:35 -0500  
From: "Charles Mabbott" <aa8vs@msn.com>  
To: qrp-l@Lehigh.EDU  
Subject: [160789] RE: MS puts bounty on virus writers  
Message-ID: <BAY5-F10CFMH993hFX200042866@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

At least the Linux guys should be happy their systems aren't that popular.  
When they are they will become the targets.....

What does this have to do with radio??

73 oo Chuck AA8VS

"Whoever said the pen is mightier than the sword obviously never encountered automatic weapons."

[www.aa8vs.org/aa8vs](http://www.aa8vs.org/aa8vs)

>From: Mark Schoonover <schoon@amgt.com>

>Reply-To: schoon@amgt.com  
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
>Subject: RE: MS puts bounty on virus writers  
>Date: Wed, 5 Nov 2003 13:25:03 -0800  
>  
>Ed Tanton <mailto:n4xy@earthlink.net> scribbled on Wednesday, November 05,  
>2003 12:03 PM:  
>  
> > This is from the latest issue of Eweek (online):  
> >  
> > QUOTE  
> >  
> > Microsoft Corp. on Wednesday announced the creation of a \$5 million  
> > fund to  
> > be used to reward people who turn over information leading to the  
> > conviction of virus writers.  
> >  
> > To kick off the program, Microsoft offered rewards of \$250,000 each  
> > for  
> > information that leads to the arrest of the authors of two recent  
> > viruses,  
> > Blaster and SoBig.F. The company announced the offers at a press  
> > conference  
> > in Washington in conjunction with the FBI, Secret Service and  
> > Interpol.  
>  
>Much cheaper than fixing their software!  
>  
>72  
>  
>.mark  
>

---

Compare high-speed Internet plans, starting at \$26.95.  
<https://broadband.msn.com> (Prices may vary by service area.)

---

Date: Thu, 06 Nov 2003 11:56:01 -0500  
From: Ed Tanton <n4xy@earthlink.net>  
To: qrp-L Reflector <qrp-1@lehigh.edu>, noga <nogaqrp@mailman.qth.net>,  
CW Reflector <cw@mailman.qth.net>  
Subject: [160790] Fwd: [425ENG] about Albania-INTERESTING-Need ZA?  
Message-ID: <6.0.0.22.2.20031106115345.050ef9f8@pop.earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed



To: n4xy@earthlink.net  
Subject: [425ENG] about Albania  
Date: Thu, 6 Nov 2003 08:53:53 +0100 (CET)  
From: 425list@425dxn.org

---

HAVE YOU MISSED A PIECE OF DX INFORMATION?

Do not forget that the opening page at [www.425dxn.org](http://www.425dxn.org) features an engine that allows you to search anything you want within the site

---

The following press release comes from Martti Laine, OH2BH.

---

#### UNIQUE AMATEUR RADIO PROGRAM OPENS IN TIRANA, ALBANIA

It has long been thought that systematically integrating different age groups and educational levels into an amateur radio course with modern training concepts is the key to regaining a positive intake of new hams. Amateur radio has much to offer today's youth, but it first becomes necessary to correctly tune into the a world constantly competing for young people's attention.

This coming Sunday, an International Amateur Radio (IARU) Region 1 supported course in Albania will commence under the sponsorship of Mr. Spartak Poci, the Minister of Telecommunications and in cooperation with the Polytechnic University of Tirana. Thirty-four third and fourth year students will begin a five-week course of study culminating in a CEPT license examination. A unique part of this program is that Amateur Radio is being integrated into the regular University course offerings using an advanced Radio Society of Great Britain study package as a reference.

Each week of this program in Tirana will benefit from the efforts of invited professional educators from the amateur radio community of specific countries. The countries involved in this five-week program will be Albania, Finland, Germany, Hungary, Israel, Japan, Macedonia, Spain, Sweden and the United States. In total, some fifty amateur radio operators, drawn mainly the DX and contesting communities, will travel to ZA-land. The core organizing team consists of 4X6KJ, DL6LAU, EA1QF, G3LQP, I2MQP, K7WX, OH2BH, OH2PM, and ZA1B.

The first week will feature Italy and the United Kingdom. It will be taught by Professor Giorgio Goggi, I2KMG and Professor John Share, G30KA, representing the University of Pavia and the University of Liverpool as well as Italy's ARI and the UK's RSGB. John Share, G30KA

will serve as a lead-teacher for the first three-weeks and be succeeded by Uli Weiss, DJ2YA from Germany.

The second week segment of the course will feature the United States. It will be lead by Dr. Warren Hill, K7WX and taught under the supervision of Carl Luetzelschwab K9LA. Representing the ARRL, team members Dan Brown N7DB, Rich Chatelain, K7ZV, Robin Critchel WA6CDR, Dr. Paul Rubenfeld WF5T and Professor Don Wilson K6RKE will hands-on operating practices and cover the topics of the Earth's magnetic field, the mysteries of radio propagation, practical antennas, the role of amateur radio in society, FCC/CEPT examinations, transmitter interference, QSL practices and successful DXpeditioning.

During this five-week period, ZA1A will be active on many bands and in a variety of modes while demonstrating amateur radio to local telecom and education administrators, as well as to the students. Multiple locations will be used and several Yaesu donated stations may be active at the same time. After the course, all equipment will be serving the amateur community. During the first week, you will find in Tirana: I2KMG, I2MQP, EA1QF, OH2BE, OH2BH, DL6LAU, DL7AJA, G3OKA, G3LQP and Z35M.

The progress of the entire project can be followed on the Internet at <http://www.za1a.com>

This educational program is supported by the International Amateur Radio Union (IARU) Region 1 with additional support from the ARI, ARRL, RSGB, IARC, URE and the Northern California DX Foundation (NCDXF), Vertex Standard Co. Ltd (Yaesu), Fluidmotion Inc. (SteppIR beams), Malev Airlines and Rogner Europark Hotel in Tirana.

ZA1A QSL via OH2BH

---

DX SPOTS ON YOUR CELLULAR PHONE AT: [www.smscluster.org](http://www.smscluster.org)

Mauro Pregliasco ([i1jqj@425dxn.org](mailto:i1jqj@425dxn.org)) \* Maury Bertolino ([i121171@425dxn.org](mailto:i121171@425dxn.org))

---

72/73 Ed Tanton N4XY <[n4xy@earthlink.net](mailto:n4xy@earthlink.net)>

Ed Tanton N4XY  
189 Pioneer Trail  
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by  
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;  
SEDXC NCDXA GACW QRP-ARCI  
OK-QRP QRP-L #758 K2 (FT) #00057

-----  
"He that gives up a little liberty to gain  
temporary security will lose both and  
deserve neither".  
--Benjamin Franklin

"Suppose you were an idiot ...  
and suppose you were a member of  
Congress... but I repeat myself."  
--Mark Twain  
-----

-----  
Date: Thu, 6 Nov 2003 10:59:09 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [160791] Fw: Comments to the Commissioner (long)  
Message-ID: <013301c3a487\$4c4d2410\$0401a8c0@PS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I beg the forbearance of the list as I use some bandwidth to present the  
following response to my email to Commissioner Abernathy on BPL issues.

I am impressed - as was the obvious goal of the writer - that the  
Commissioner is either back-tracking or at least softening her position as  
cheerleader for the commercial BPL interests. Of course, anything said in  
Washington is deniable by definition. so this may be mere sop for the  
masses. But, I do hope that it represents a degree of recognition that many  
of us hold serious reservations about the effects of BPL on spectrum users.

George, W5YR

----- Original Message -----  
From: "KQAWebsite" <KQAWebsite@fcc.gov>

To: <w5yr@att.net>  
Sent: Thursday, November 06, 2003 10:07 AM  
Subject: RE: Comments to the Commissioner

Dear Mr. Baker:

Thank you for your interest in broadband over powerline issues. We regret that the Commissioner's remarks may have been interpreted as suggesting an absence of concern over harmful interference. The Commissioner's primary point was that, from a policy perspective, she is keenly interested in seeing multiple broadband platforms develop, to promote the goals of facilities-based competition and broadband deployment. She did not intend to suggest that broadband over powerline necessarily will emerge as a viable platform, or that it does not present interference issues. In fact, she went out of her way to note that the Commission must ensure that BPL and all new technologies avoid causing harmful interference to licensed RF users. That is a bedrock position for Commissioner Abernathy, and we regret if it was not made sufficiently clear.

Sincerely,  
Matthew A. Brill  
Senior Legal Adviser to Commissioner Abernathy

-----Original Message-----  
From: George T. Baker [mailto:w5yr@att.net]  
Sent: Friday, September 26, 2003 12:35 PM  
To: KQAWwebsite  
Subject: Comments to the Commissioner

George T. Baker (w5yr@att.net) writes:

Dear Ms. Abernathy:

I have to agree with the ARRL's rebuking of your stance on BPL.

Such statements in the face of literally thousands of comments and actual tests demonstrating the negative impacts upon the 2-80 MHz spectrum and its millions of licensed users throughout the US is terribly irresponsible.

You as a public servant in a regulatory agency are not a "cheerleader."

One look at the facts will show that BPL has no future without seriously impacting other, licensed services that are already using the spectrum

that BPL would render unusable. Other services (DSL, cable modem, satellite) presently do a far better job and do not negatively impact literally MILLIONS of LICENSED users of radio frequency spectrum.

I would have to assume you are not an engineer, as nobody with an engineering degree could possibly take this stance. I do have to assume as a Commissioner of the FCC, you must understand that EVERYONE has to abide by the rules, not just a select few...and that the rules can't be changed just to satisfy business interests at the peril of millions of existing users.

Please listen to the words of technical people throughout the services your agency licenses, and put an end to this ridiculous BPL charade.

One final question: what will be the response of the FCC to the State Department when nation-states all over the world start complaining about the increase in the HF noise floor and the interference to "their" HF communications caused by US adoption of BPL? The radiation from BPL - and there is by actual measurement overwhelming radiation in all test areas in the HF spectrum - will originate from the entire US power grid. Thousands of miles of real antennas that will radiate a combined signal unlike anything ever experienced in the radio field. Don't allow yourself to be persuaded that power lines don't radiate - just take any portable radio near any power pole with a transformer on it and listen to the radiated noise from the power line equipment, much of which in this country is in marginal condition due to age and lack of attention to the noise-making aspects of the system.

Thank you,

George T. Baker

Wireless Access subscriber (it's a closed and noise-free system, unlike BPL)

Amateur Extra class licensee W5YR

Starting my 58th year of amateur radio operation

Bachelor's and Master's Degrees in Electrical Engineering (MIT)

Thousands of hours of on-air communications experience

Tens of thousands of hours of electrical engineering experience in the communications and computer fields

Retired adjunct professor of computer networking

Retired instructor in radar

Retired instructor in computer programming, networking, and applications

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Date: Thu, 6 Nov 2003 09:00:45 -0800 (PST)  
From: Curt Milton <wb8yyy@yahoo.com>  
To: sergio@philway.com,  
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [160792] Re: cw filters..  
Message-ID: <20031106170045.36952.qmail@web21401.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Sergio

one of the reasons a narrow audio filter may have been suggested is that a DC receivers not only hears the desired signal at two tuned frequencies - it hears every interfering signal at two tuned places.

if you are only doing receive with the rig - you could choose whichever response was better filtered.

you are correct - audio filtering will not reduce the level of the image response.

why you care is when you transmit - you generally want transmit frequency to be same as receive frequency. if you pick the wrong signal to receive on with your HW-8, your transmit frequency will be off by about 1.5 kHz (2x the pitch you tune to).

either you remember to tune to the lower of the two "identical" signals, or you decide its time to use a rig with a superhet receiver!

what some folk may claim is a 2X increase in interference is not that earthshaking - and i agree to an extent. you can enjoy using an HW-8 if you are patient and tune properly. but the extra effort can be cumbersome. hence my HW-8 sits idle a lot and probably needs a new home!

meanwhile use and enjoy your HW-8 as you can make a lot of nice qso's with it -- and take your time deciding amongst excellent QRP rig choices still on the market per my earlier email. the multi-band rigs are generally more expensive to accomodate circuitry for bandswitching and often a microcontroller, while an equivalent performance single band rig can be quite simple and less expensive. a lot of it is the

building and operating experience you want to enjoy.

73, curt wb8yyy

--- "Sergio T. Ruiz" <sergio@philway.com> wrote:

>  
> after several really great discussion offline with  
> bruce muscolino, i am  
> gonna play around more with my hw-8 while i wait on  
> the move to make a new  
> rig decision.. (we close on monday, at 3:00! woo  
> hoo!!)  
>  
> anyway...  
>  
> my question is..  
>  
> my hw-8 hears both sides of the sideband.. this gets  
> really confusing when  
> i try to figure out something like the fox hunt. if  
> i add one of those  
> audio chain filters, will i still hear both sides? i  
> am thinking that since  
> it works on audio.. i will still hear both sides of  
> any nearby sidebands..  
> will this even be a problem since i always tune down  
> into a signal?  
>  
> i go from the high end to the low end.. and tune  
> down in a signal till i  
> hear it go to around 750hz..  
>  
> i am just trying to clean up what i am hearing a  
> bit.. and understand  
> better what i am doing..  
>  
> thanks!  
>  
>  
> ----  
> Sergio T. Ruiz  
> technology and MIS  
> Philway Products, Inc.  
> (419) 281-7777 x232  
>

-----

Do you Yahoo!?

Protect your identity with Yahoo! Mail AddressGuard

<http://antispam.yahoo.com/whatsnewfree>

-----  
Date: Thu, 6 Nov 2003 12:32:11 -0500  
From: "George Heron N2APB" <n2apb@clearviewcatv.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>, "NJQRP" <njqrp@njqrp.org>  
Subject: [160793] NJQRP meeting planned for Nov 15  
Message-ID: <005101c3a48b\$efa80040\$6400a8c0@n2apb1>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

We'll be having the NJQRP monthly club meeting next weekend, Nov 15th, at the regular spot in the Princeton area. Joe and George will be giving the Micro908 and Antenna Analyzer II presentation that they made at the QRPacificon weekend several weeks back. It'll be a great way to get the full and interactive story on this fun project as it's coming to kit form for everyone to enjoy.

Also, we're going to kick-off a novel club project for those interested in participating. It's being called the Portable Antenna Project with lots of accessories such that many guys will be able to contribute in areas they find interesting. For example, if we were to provide a some portable vertical antenna kits (perhaps like the PAC-12, SLV, etc.), some feedline, a BLT tuner, extendable poles, wire, etc., perhaps an active member might be the seed for a group design project that would create a portable dipole like the BuddyPole, or perhaps some phased verticals, or perhaps a portable mini-yagi beam, etc. Joe and George would keep their fingers out of it, but provide design guidance and parts, as necessary, and encourage the team members to all have a say in how it can be done. Team members can take ownership for all the design options. They'd present progress & results at a series of monthly meetings and pass the interim/end result around for others to use in between meetings. The resultant antenna could be used regularly at club-attended field events; it could be written up in HOMEBREWER Magazine and progress can be chronicled on the website ... lots of possibilities! Ultimately, others in the club would benefit by either being on the team or by following along carefully in parallel on their own, ending up with a good portable QRP antenna. Should be fun! We'll give more details leading up to the meeting and there on the 15th.

Directions and further details are at  
<http://www.njqrp.org/meetings/nextmeeting.html>. See you there!

Joe, N2CX



and George, N2APB

-----  
Date: Thu, 6 Nov 2003 09:28:58 -0800  
From: "Doug Hendricks" <ki6ds@dpol.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [160794] Re: BLT help?  
Message-ID: <011301c3a48b\$765fb8e0\$4a0b0d0a@dph.dpol.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Dale did you make sure to set the trimmer caps on the variable caps to a minimum? They are the little caps on the back of the polyvaricons. Trevor brings up a very good point. I have always used a 44 ft. Doublet or an 88 ft. doublet with my BLT, and it tunes 40 - 10 just fine. Hope this helps.  
72, Doug

-----  
Date: Thu, 6 Nov 2003 11:28:56 -0600  
From: "Jerry Ford" <benlightnd13@mchsi.com>  
To: "qrp-1" <qrp-1@lehigh.edu>, "FPigs" <fpqrp-1@mpna.com>  
Subject: [160795] Piggies Piggies everywhere ??  
Message-ID: <037e01c3a48b\$7580f1a0\$4a78da0c@mchsi.com>

But none around for me to hear.

Anybody out there today??                      Sure hope I don't have to result to  
soaps to get through the day.                      WOW thats scary

Somebody help me ??                              Hee Hee

It's 17:50z    and I'm listening on 14.062 if you have time to stop by.

72   es oo                      Jerry                      NOJRN  
FP # 546, 4SQRP,    ARS # 923,    ARCI # 11049,    ARRL,  
Springfield, Mo.    MP +    #8

-----

Date: Thu, 06 Nov 2003 12:45:42 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [160796] Re: optimal counterpoisation?  
Message-ID: <3FAA88C6.7AFF8365@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gentle people,

Please read again my thoughts on radials vs counterpoises. They are intended to produce different results.

A radial set provides RF ground to the antenna. A counterpoise provides RF ground to the rig. The presence of the feed line between the rig and the antenna can and often will mean while you have a good RF ground at the antenna, your rig will still be RF hot!

No such problem occurs with an end fed antenna and a resonant counterpoise. Resonant is the key word here, the counterpoise must be close to a quarter wave in the desired band.

73

>

> First you should separate the idea of a counterpoise from that of  
> radials and the radiator in your mind. Radials are best used with  
> vertical radiators. They are placed at the antenna base, either on the  
> ground or elevated some distance. They form part of the antenna.  
> A coaxial cable or other feed line is inserted between the rig and the  
> antenna/radial assembly.

>

> You seem to be asking about end fed type antennas. Here it is important  
> to provide a counterpoise for RF ground. There is NO feed line imposed  
> between the rig and the antenna.

>

> The purpose of a counterpoise is to reflect 0 ohms impedance back to the  
> rig's ground terminals. The easiest way to accomplish this is with a  
> quarter wave piece of wire.

>

-----

Date: Thu, 06 Nov 2003 10:36:38 -0600  
From: Mark Milburn <mark.milburn@ispwest.com>  
To: QRP-L List <qrp-l@lehigh.edu>  
Subject: [160797] Iowa QRP Club CW Net

Message-ID: <3FAA7896.B92C85DE@ispwest.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The solar flares are subsiding and the bands are returning to "normal", whatever that is. The net results show that we're going in the right direction, anyway. Wednesday night's turnout included:

|        |       |      |
|--------|-------|------|
| KQ0I   | Mark  | Iowa |
| WB0T   | Jerry | Iowa |
| AA0XJ  | Jim   | Iowa |
| WA0MWW | Ron   | Iowa |
| NI0I   | Tom   | S.D. |
| WA0ITP | Terry | Iowa |
| KE0FT  | John  | Iowa |

Tom is one of our new members, and it's good to see him in the net already. Come back often, Tom.

Terry is working on a new paddle...a touch operated one. As the years go by and the arthritis gets more of a hold, that sounds pretty interesting. Let me know how you're doing on it, Terry.

Got a note after the net from WA8BXN who tried to get into the net but couldn't get anyone's attention. Sorry about that, Mike. Stick with it, before long the winter skip will be here and we'll need stations in Ohio to relay our Iowa members in....hi. Thanks for trying.

Thanks to all for your participation and let's try it again next Wednesday night.

--

73 Mark KQ0I  
Des Moines, Iowa  
packet: KQ0I@KQ0I.#CIA.IA.USA.NOAM  
Instant Messenger: markkq0i

-----

Date: Thu, 6 Nov 2003 13:01:37 -0500  
From: Michael Babineau <michael.babineau@sympatico.ca>  
To: qrp-l@Lehigh.EDU  
Subject: [160798] Sold : Elecraft K1 KBT1 Internal Battery Option  
Message-ID: <43E02984-1083-11D8-80DB-00039309268A@sympatico.ca>  
Mime-Version: 1.0 (Apple Message framework v552)  
Content-Type: text/plain; charset=US-ASCII; format=flowed  
Content-Transfer-Encoding: 7bit

The KBT1 has been sold.

Begin forwarded message:

> From: Michael Babineau <michael.babineau@sympatico.ca>  
> Date: Wed Nov 5, 2003 11:03:46 PM America/Montreal  
> To: qrp-1@Lehigh.EDU  
> Subject: FS: Elecraft K1 KBT1 Internal Battery Option  
>  
> The title says it all .. I have for sale a KBT1 Internal Battery  
> option for the K1.  
>  
> This is partially built but I never installed it. (I completed the  
> wiring to the  
> battery holder). It is complete with original box and instruction  
> manual.  
>  
> Asking price is \$US35 and I will cover shipping within Continental  
> North  
> America.  
>  
> Michael VE3WMB  
>

-----  
Date: Thu, 6 Nov 2003 11:25:16 -0700  
From: w5xe@juno.com  
To: w5yr@att.net, qrp-1@lehigh.edu  
Subject: [160799] Fw: Comments to the Commissioner (long)  
Message-ID: <20031106.112516.-642173.10.w5xe@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

George, thank you for your efforts in responding to the FCC Commissioner. Your eloquence speaks volumes for us all and I for one, greatly appreciate what you have undertaken. And I might add, elicited a response from the Commissioner's office, which few have done. Jolly good!

73

Ray

"Politicians are like nappies. Both should be

changed regularly -- and for the same reason"  
"Scotsman - Scotsman's Diary 12/97"  
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M GQRP 6115  
fp #111 ARCI-5784 NCT2R El Paso, (FAR WEST) TEXAS

-----  
Date: Thu, 6 Nov 2003 12:40:31 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: <qrp-l@lehigh.edu>, <w5xe@juno.com>  
Subject: [160800] Re: Comments to the Commissioner (long)  
Message-ID: <016f01c3a495\$7b845ba0\$0401a8c0@PS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Thanks, Ray - as you know a few things push my buttons and then a sermon  
spews forth! <:}

Guess I am too old and suspicious, but I would feel better if I knew that  
the lady really felt the way her ghostwriter said.

But, at least we got her attention! My son is a former State Dept. Foreign  
Service Officer and he made the point about FCC being required to respond to  
State's questions, etc.

73/72, George  
Amateur Radio W5YR - the Yellow Rose of Texas  
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE  
"Starting the 58th year and it just keeps getting better!"  
w5yr@att.net

----- Original Message -----  
From: <w5xe@juno.com>  
To: <w5yr@att.net>; <qrp-l@lehigh.edu>  
Sent: Thursday, November 06, 2003 12:25 PM  
Subject: Fw: Comments to the Commissioner (long)

> George, thank you for your efforts in responding  
> to the FCC Commissioner. Your eloquence speaks  
> volumes for us all and I for one, greatly appreciate  
> what you have undertaken. And I might add, elicited

> a response from the Commissioner's office, which  
> few have done. Jolly good!  
>  
>  
> 73  
> Ray

-----  
Date: Thu, 06 Nov 2003 13:41:29 -0500  
From: kenneth hoglund <hoglund@wfu.edu>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [160801] [OT] rfpi silenced  
Message-ID: <3FAA95D9.5000307@wfu.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

Gang--

Some of you might be occasional listeners of SWB Radio for Peace International. Always one of my favorite spots to catch Glen Hauser's World of Radio.

Anyway, there's been a dispute over the grant of space on the grant of land that RFPI uses at the Univ. of Peace, a UN agency. After several months of negotiations, the University has simply cut power to the rfpi facility, paid for by listener donations, BTW. They went off the air yesterday.

If you're interested in more, and how you can help get them back on the air, check  
<http://www.saverfpi.org/article.php?story=20031105205758721#comments>

73  
Ken KG4FGC

-----  
Date: Thu, 6 Nov 2003 14:40:56 -0500  
From: "Noyce, Bill" <william.noyce@hp.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [160802] Re: Comments to the Commissioner (long)  
Message-ID:  
<6D6463F31027B14FB3B1FB094F2C7447047D9FD9@tayexc17.americas.cpqcorp.net>

Content-class: urn:content-classes:message  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

> Guess I am too old and suspicious, but I would feel better if I knew =  
that  
> the lady really felt the way her ghostwriter said.

George, if you go back and reread her original comments without  
any preconceptions, I think you'll find that she says she

- wants to promote competition
- wants to avoid monopoly-style regulations that protect one  
broadband method over another
- recognizes that all methods must avoid polluting the spectrum

I read the original speech as being more about market-regulations  
rather than technical-regulations.

I think the ARRL was reading a bit too much into what she said,  
though it's probably not a bad thing for them (and you) to make  
her aware the Commission is being watched.

-- Bill, AB1AV

-----  
Date: Thu, 06 Nov 2003 14:43:28 -0500  
From: Alex <kr1st@amsat.org>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [160803] MFJ balanced tuner  
Message-ID: <3FAAA460.DFC47F2C@amsat.org>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Has anyone tried one of these?

<http://www.mfjenterprises.com/products.php?prodid=MFJ-974H>

73,  
--Alex KR1ST

-----  
Date: Thu, 6 Nov 2003 11:45:47 -0800 (PST)  
From: Mark Prather <wb9hfk@yahoo.com>  
To: qrp-l@lehigh.edu  
Subject: [160804] IC-718???

Message-ID: <20031106194547.26293.qmail@web41209.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

I see that AES is running a special on the IC-718. I'd appreciate user comments. Please reply direct.

Thanks! and 73!

Mark

=====

Mark Prather - WB9HFK

-----  
Do you Yahoo!?  
Protect your identity with Yahoo! Mail AddressGuard  
<http://antispam.yahoo.com/whatsnewfree>

-----  
Date: Thu, 6 Nov 2003 13:50:26 -0600 (CST)  
From: Dale Botkin <dale@botkin.org>  
To: Doug Hendricks <ki6ds@dpol.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [160805] Re: BLT help?  
Message-ID: <Pine.LNX.4.33.0311061344360.7544-100000@madmax.botkin.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 6 Nov 2003, Doug Hendricks wrote:

> Dale did you make sure to set the trimmer caps on the variable caps to a  
> minimum? They are the little caps on the back of the polyvaricons. Trevor  
> brings up a very good point. I have always used a 44 ft. Doublet or an 88  
> ft. doublet with my BLT, and it tunes 40 - 10 just fine. Hope this helps.  
> 72, Doug

As I said, yes, the trimmers are set unmeshed as instructed. I'll probably relegate the BLT to travel and portable use with a shorter span; I don't think I'm going to lop 1/3 of the length off my fixed antenna (and there's no space to add 30% to it).

72,  
Dale - N0XAS  
--



It's a thankless job, but I've got a lot of Karma to burn off.  
NEW PicoKeyer kit w/PCB and all parts - <http://www.hamgadgets.com>

-----  
Date: Thu, 6 Nov 2003 21:14:57 +0100  
From: "Sverre Holm" <la3za@qsl.net>  
To: <dale@botkin.org>,  
      "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>  
Subject: [160806] RE: BLT help?  
Message-ID: <001e01c3a4a2\$a775d380\$8e00a8c0@Master>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="us-ascii"  
Content-Transfer-Encoding: 7bit

> -----Original Message-----

>

> Again, I'm not blaming the tuner. I did double check all the  
> wiring and also to make sure the trimmers are fully un-meshed  
> as instructed.

Your antenna wants to have even less capacity than the minimum, it seems.

I had a similar problem with a horizontal loop when I wanted to tune it on 17-10 meters, I couldn't get the series capacitor small enough. One way to get around it is to tap the primary on the inductor at half the turns, and add a switch to select half or full coil. It is described on my web site under Homebrew, but you cannot access it now as qsl.net seems to be down for the moment.

--  
73,  
Sverre

-----  
Sverre Holm, LA3ZA  
[www.qsl.net/la3za](http://www.qsl.net/la3za)

-----  
Date: Thu, 6 Nov 2003 12:24:40 -0800

From: "Trevor Jacobs" <kg6cyn@softhome.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Cc: "Joe Porter" <jporter@cottey.edu>  
Subject: [160807] Experimenter's DDS Sig Gen Manuals  
Message-ID: <005701c3a4a4\$04ec9070\$0f0b280a@etclink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hey Gang,

I just uploaded Jim N5IB's manuals for the Experimenter's DDS Signal Generator to some space I have on Earthlink.net and they are available at:

<http://home.earthlink.net/~kg6cyn/>

Thanks for the bandwidth and hopefully QSL.NET solves whatever problems they are having soon, but until then the manuals are at the above address.

73's Trev KG6CYN  
<http://www.qsl.net/kg6cyn>

-----  
Date: Thu, 6 Nov 2003 12:29:14 -0800 (PST)  
From: Bob Confrey <wa1edj@yahoo.com>  
To: qrp-1@Lehigh.EDU  
Subject: [160808] HWA-9 WARC Kit needed for HW-9  
Message-ID: <20031106202914.30004.qmail@web9405.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

I got an HW-9 without the WARC band kit installed this weekend at a local Hamfest. I am looking for the HWA-9 WARC kit. Anyone got one to sell?

Already been on the Heath list, not having much luck there....TNX!...Bob...WA1EDJ/4

-----  
Do you Yahoo!?  
Protect your identity with Yahoo! Mail AddressGuard  
<http://antispam.yahoo.com/whatsnewfree>

-----  
Date: Thu, 6 Nov 2003 13:44:03 -0700

From: Bruce Grubbs <mail@brucegrubbs.com>  
To: qrp-l@lehigh.edu, eleccraft@mailman.qth.net  
Subject: [160809] Elecraft KX1 short review  
Message-ID: <200311061344.03886.mail@brucegrubbs.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Disposition: inline

I have a KX1 with the optional ATU, paddles, and 30 meter module. I've set up the rig several times on day hikes, and I really look forward to taking it backpacking. Elecraft couldn't have done a better job of designing a radio for my needs (several week+plus backpack trips per year, and several shorter trips) if they'd asked me.

The internal ATU is well worth buying as it is lighter than any external tuner and also saves having to carry feedline. I've loaded various end fed wires directly from the KX1, including 28, 42, and 82 feet.

I used the KX1 in the November 2003 Spartan Sprint. Although I only managed 10 contacts (1 on 20, the rest on 40), using a full size 40 meter vertical on the roof, conditions were rough. Everyone including the "big guns" was right down in the noise. The variable crystal filter worked well to cut QRM, and I found the control layout and menus easy to use and intuitive. I really like the KX1 paddle as well.

I did some A/B tests with the KX1 and a K1 on the same antenna and found that the KX1 receiver holds its own with the K1. Even the K2 on a slightly better antenna heard very few signals that the KX1 missed. The noise floor on the K2 was noticeably lower on weekend signals, but comparing the KX1 with the K2 is not fair.

In summary, I would strongly recommend the KX1 with the optional ATU, paddles, and 30 meter module to anyone who wants a superb backpacking/ultraportable HF transceiver.

73,  
Bruce  
N7CEE  
Flagstaff, AZ

-----  
Date: Thu, 6 Nov 2003 12:51:05 -0800  
From: Mik Ishmael <mightymik2@comcast.net>  
To: myetsko@insydesw.com

Cc: Low Discussion <qrp-1@lehigh.edu>  
Subject: [160810] Re: X-20 MEGA-FLARE  
Message-ID: <F08AF4AA-109A-11D8-9545-000A277EDE44@comcast.net>  
Content-Type: text/plain; charset=US-ASCII; format=flowed  
Mime-Version: 1.0 (Apple Message framework v552)  
Content-Transfer-Encoding: 7bit

Just give it a couple of weeks. I think it'll be back.

On Thursday, November 6, 2003, at 04:42 AM, Mike Yetsko wrote:

```
>> Spaceweather.com is saying the following:
>>
>> MEGA-FLARE: Giant sunspot 486 unleashed yet another powerful solar
>> flare
>> today (Nov. 4th, 1950 UT), and this one could be historic. The blast
>> saturated X-ray detectors onboard GOES satellites. The last time that
>> happened in 2001, the flare was classified as an X20--the biggest
>> ever.
>>
>> X-ray Solar Flares
>> 6-hr max: X20 1950 UT Nov04
>> 24-hr: X20 1950 UT Nov04
>
> I was just over on SpaceWeather.com and they are now saying the flare
> hit a record X28.
>
> Lucky it didn't aim at the earth!
>
> Mike
>
>
```

-----  
Date: Thu, 6 Nov 2003 14:30:09 -0800  
From: "Chetan Bhargava" <list3@bhargavaz.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [160811] Re: IC-718???  
Message-ID: <016d01c3a4b5\$91b1a480\$2701a8c0@chetan>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gigaparts has even lower price.  
<http://www.gigaparts.com/parts/radioinfo/zic-718.php>

73,

Chetan Bhargava KG6NFG  
www.bhargavaz.net

----- Original Message -----

From: "Mark Prather" <wb9hfk@yahoo.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Thursday, November 06, 2003 11:45 AM  
Subject: IC-718???

>  
> I see that AES is running a special on the IC-718. I'd appreciate  
> user comments. Please reply direct.  
>  
> Thanks! and 73!  
>  
> Mark

-----  
Date: Thu, 6 Nov 2003 16:12:52 -0700  
From: "Francis Callahan" <colcal@srv.net>  
To: <QRP-L@lehigh.edu>  
Subject: [160812] QQ  
Message-ID: <000d01c3a4bb\$81dba140\$83ce1341@callahan>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Recieved mu QQ today and again another great issue. My thanks to all who  
give so freely with thier time and knowledge to put out such a fine mag. 72  
Cal KF7ET misplaced Vermonter in Idaho

-----  
Date: Thu, 6 Nov 2003 18:16:06 -0500  
From: "Bob Schreibmaier" <k3ph@ptd.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [160813] Re: IC-718???  
Message-ID: <000301c3a4bb\$f51a7fa0\$6400a8c0@k3ph>

```
MIME-Version: 1.0
Content-Type: text/plain;
               charset="Windows-1252"
Content-Transfer-Encoding: 7bit
```

Assuming you buy the IC-718...

If you're in the market for a sharp CW filter, check out the filters at INRAD. They have a 400 Hz filter with a nice shape factor listed for \$155, which is less than the 500 Hz Icom filter with a poorer shape factor:

<http://www.qth.com/inrad/IC-718.HTM>

Just as a personal opinion, the 400 Hz is a better choice than the 250 Hz. IMHO, 250 Hz is too sharp.

72/73,

[illegible]

```
+-----+
| Bob Schreibmaier K3PH | E-mail: k3ph@ptd.net |
| Kresgeville, PA 18333 | http://www.dxis.org  |
+-----+
```

End of QRP-L Digest 3096

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